



2025

PORTFOLIO



Company Overview



Growing Since **2015...**

powerbox®		★ 大同特殊鋼	
synx®	eat card	STXNEXT	hotjar
MACONDO VISION	mEinstein	INFRA SONIC CONSULTING	SPYNR
learners.ai	SUCCESS PROGRAMME	mBurse	ZARMONEY™

Team

180+

AI/ML Solutions

100+

Projects

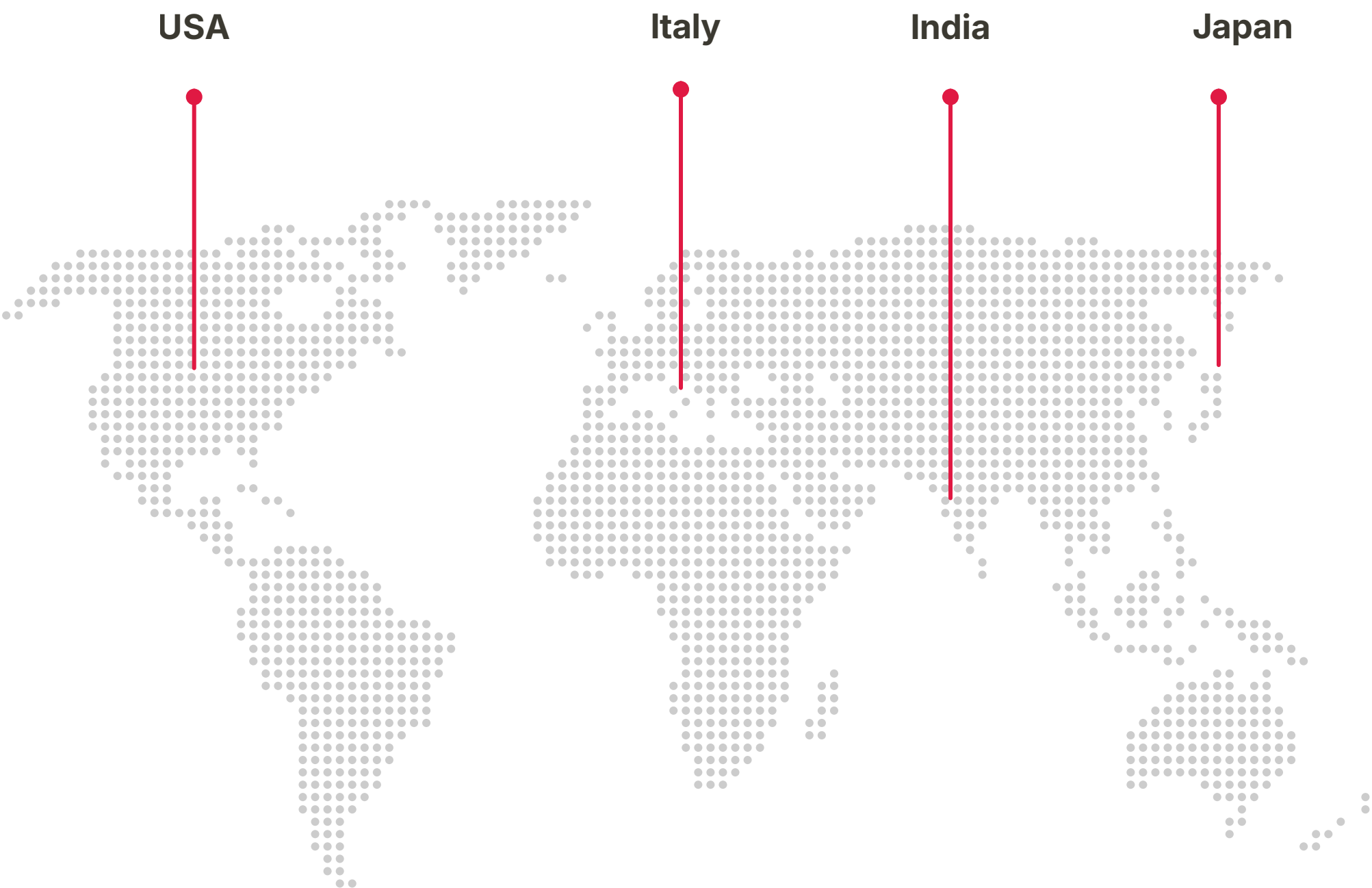
950+

Global Partners




55+




Presence around the globe



GLOBAL PRESENCE

- USA** 
Black Mountain, NC 28711, United States
- JAPAN** 
4th Floor, Shinbashi Ekimae Building No.1, 2-20-15
Shinbashi, Minato-ku, Tokyo, 105-0004, Japan
- ITALY** 
Via Istria 7, 20811 Cesano Maderno (MB), Italy

GLOBAL DELIVERY & RESEARCH CENTER

- INDIA** 
402-403, Akik Tower, Near Pakwan Dining Hall, S.G.
Highway, Ahmedabad - 380054, Gujarat, India



an NVIDIA Inception Program member

We're building solutions for



Quality Assurance

- Manual inspection fails to detect subtle defects
- Variations in dimensions or assembly alignment go unnoticed
- Inability to track defective batches across the supply chain

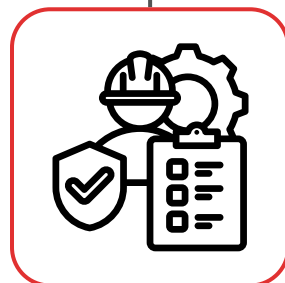


Productivity

- Unable to identify bottlenecks in production processes
- Lack of visibility into worker idle time or under-utilization
- Delayed identification of production slowdowns

Safety

- Real-time detection of safety equipment/hazardous zones
- Inability to monitor worker ergonomics leading to accidents
- Unable to identify early signs of fire/leaks/spillage

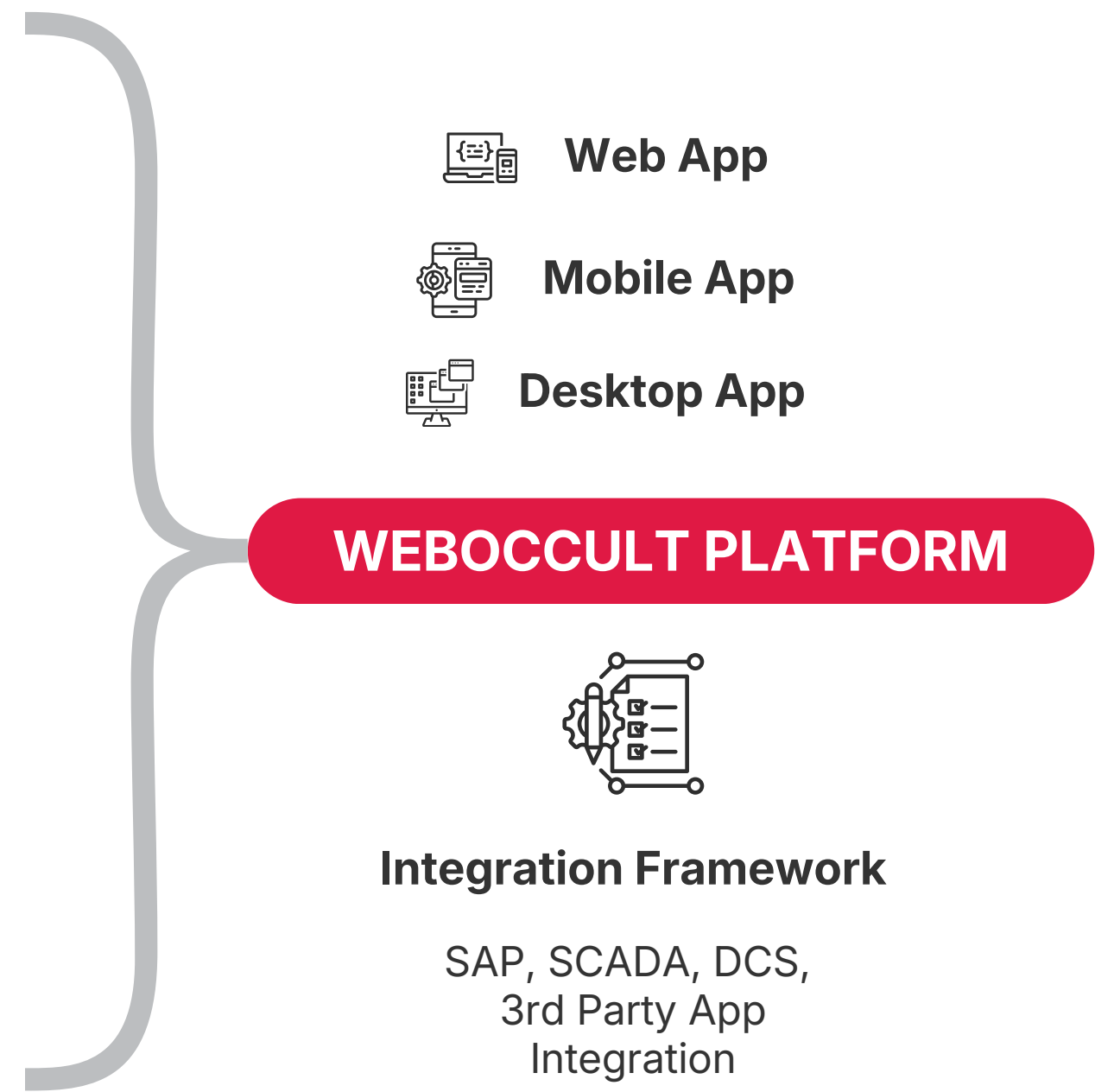
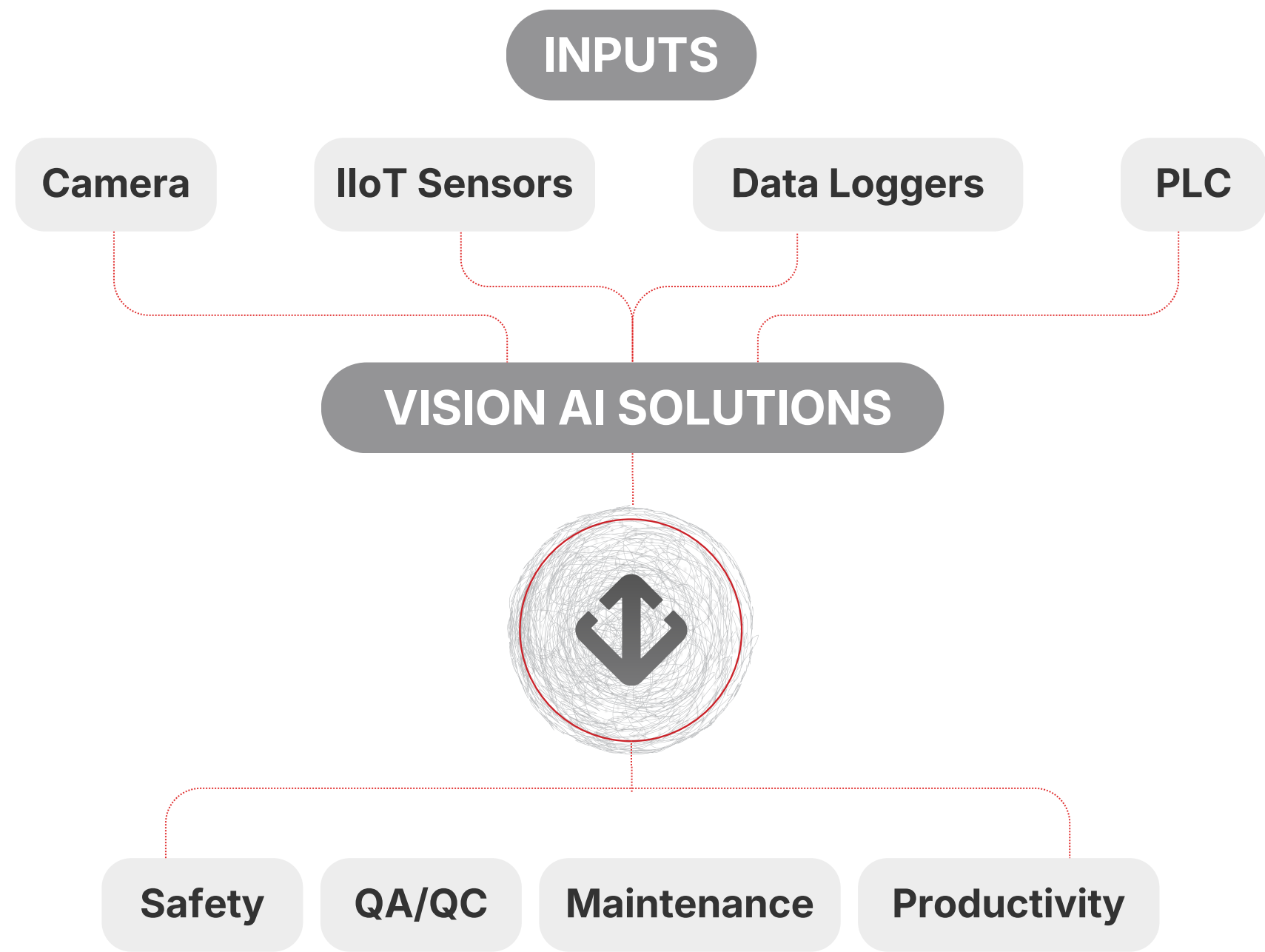


Maintenance

- Sudden, unpredictable equipment breakdowns
- Detecting abnormal wear and tear of machinery components
- Inability to real-time monitor and address issues in equipment



Platform Architecture



Services: Computer Vision, Machine Vision and Edge AI



We use advanced algorithms to take out valuable information from visuals like images and videos for accurate object detection, quality check, image recognition, and scene understanding for a wide range of applications.

Real-time Image & Video Analytics

Object Detection & Tracking: people, vehicles, tools, or products

Event Detection: falls, intrusions, loitering, fire, smoke, spill, leakage, theft, etc.

Anomaly Detection for Quality & Operational Monitoring

Zone Monitoring & ROI Analysis: entry/exit, dwell time, or safety compliance

Machine Vision Automation

Automated Inspection: Surface Defects, Label and Barcode readings

Production Line Monitoring and Throughputs Measurement

High-Precision measurement and gauging solutions

Vision-based robotic guidance & alignment

Integration with factory automation tools: PLC, Conveyors, Robotic Arms, Printers, Stamping Machines, Scanners, Actuators and more.

Services: Computer Vision, Machine Vision and Edge AI



We use advanced algorithms to take out valuable information from visuals like images and videos for accurate object detection, quality check, image recognition, and scene understanding for a wide range of applications.

Computer Vision Consulting

Use-case discovery and ROI-focused solution mapping

Domain-Centric Strategy Planning

Computing devices, Camera, and Hardware selection and deployment advisory

Toolchain & Technology Advisory

Vision System Design & Integration

End-to-end Solution Architecture: Cameras, Lighting, Processing devices, Sensors & IO signals.

Integration with industrial systems: PLCs, SCADA, MES, ERP

Proof-of-Concept (POC) development & Feasibility checks

Services: Computer Vision, Machine Vision and Edge AI



We use advanced algorithms to take out valuable information from visuals like images and videos for accurate object detection, quality check, image recognition, and scene understanding for a wide range of applications.

Dataset Services

Data Collection & Acquisition

Annotation tools: manual, semi-automated, and AI-assisted

Synthetic data generation (photorealistic and domain-randomized)

Custom Ontology & Taxonomy Design

ML Model Training & Optimization

Custom AI models: Object detection, Classification, Segmentation, Recognition, OCR, Emotion, Pose Estimation and Anomalies.

Model Fine-tuning

Model version control with MLOps integration

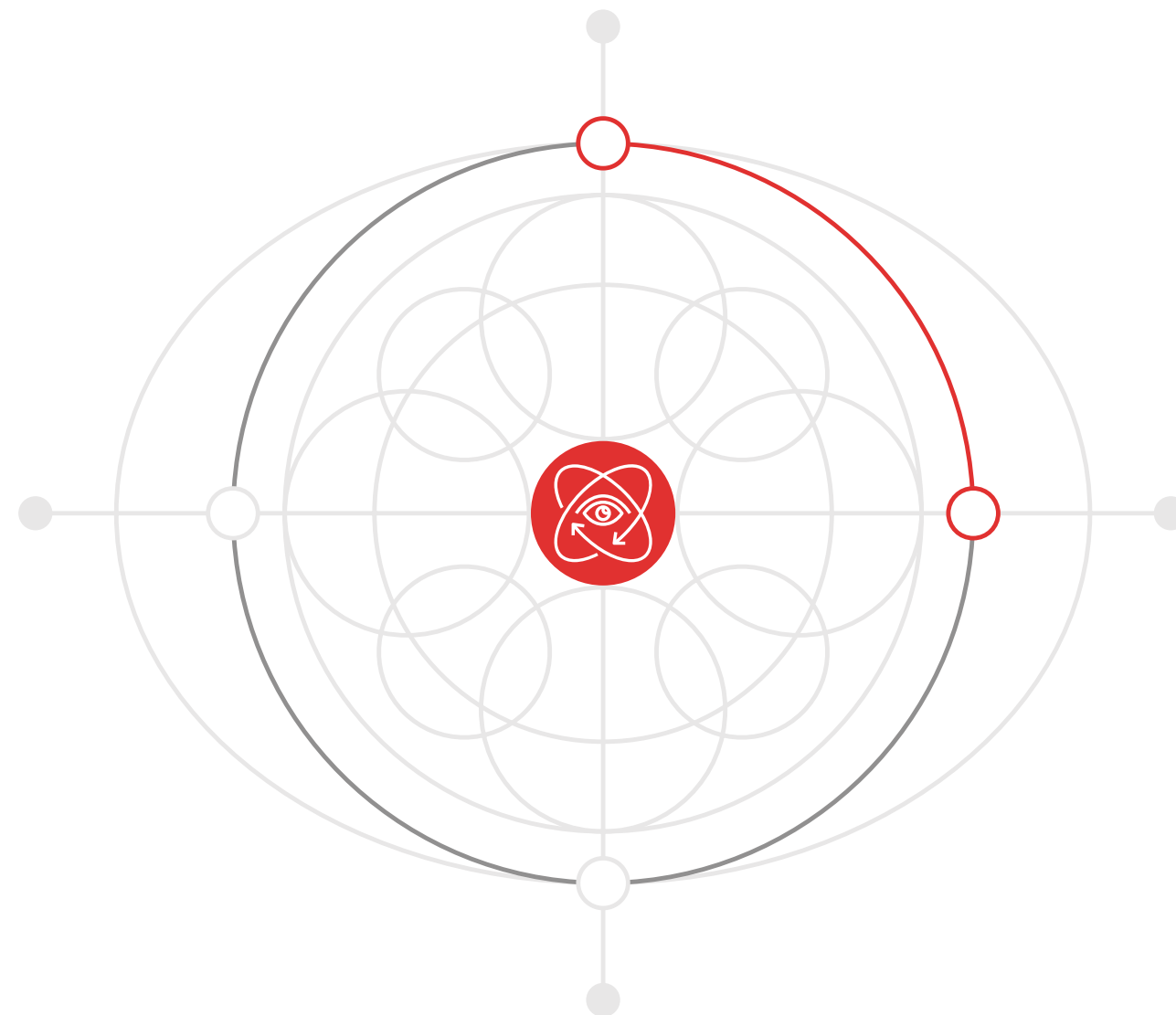
Automated Model Training Pipelines









Hardware-aware model optimization - Model Pruning & Quantization

Solutions: Computer Vision



We use advanced algorithms to take out valuable information from visuals like images and videos for accurate object detection, quality check, image recognition, and scene understanding for a wide range of applications.

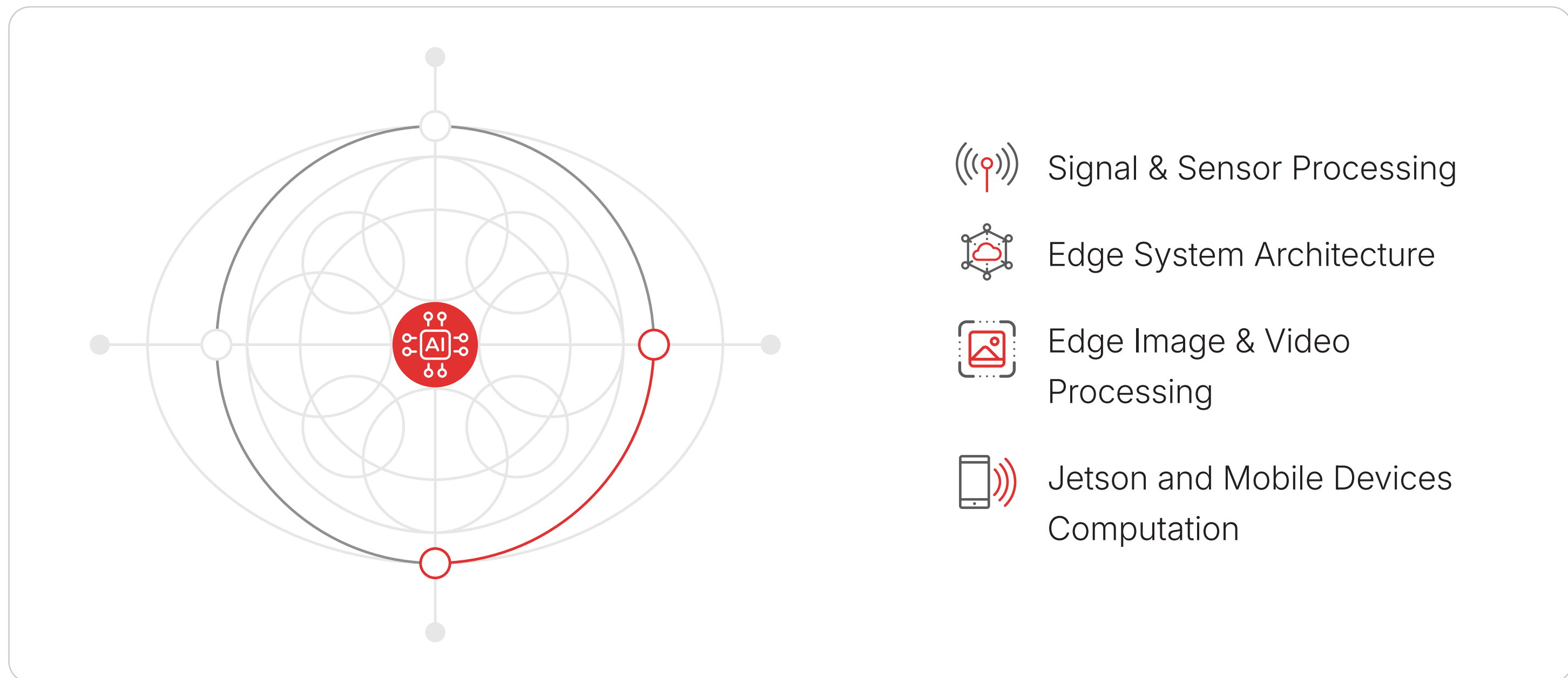


-  Object Detection
-  Facial Recognition
-  Video Analytics
-  Image Processing
-  Image Segmentation
-  Emotion Recognition
-  Optical Character Recognition
-  Object Classification

Solutions: Edge AI



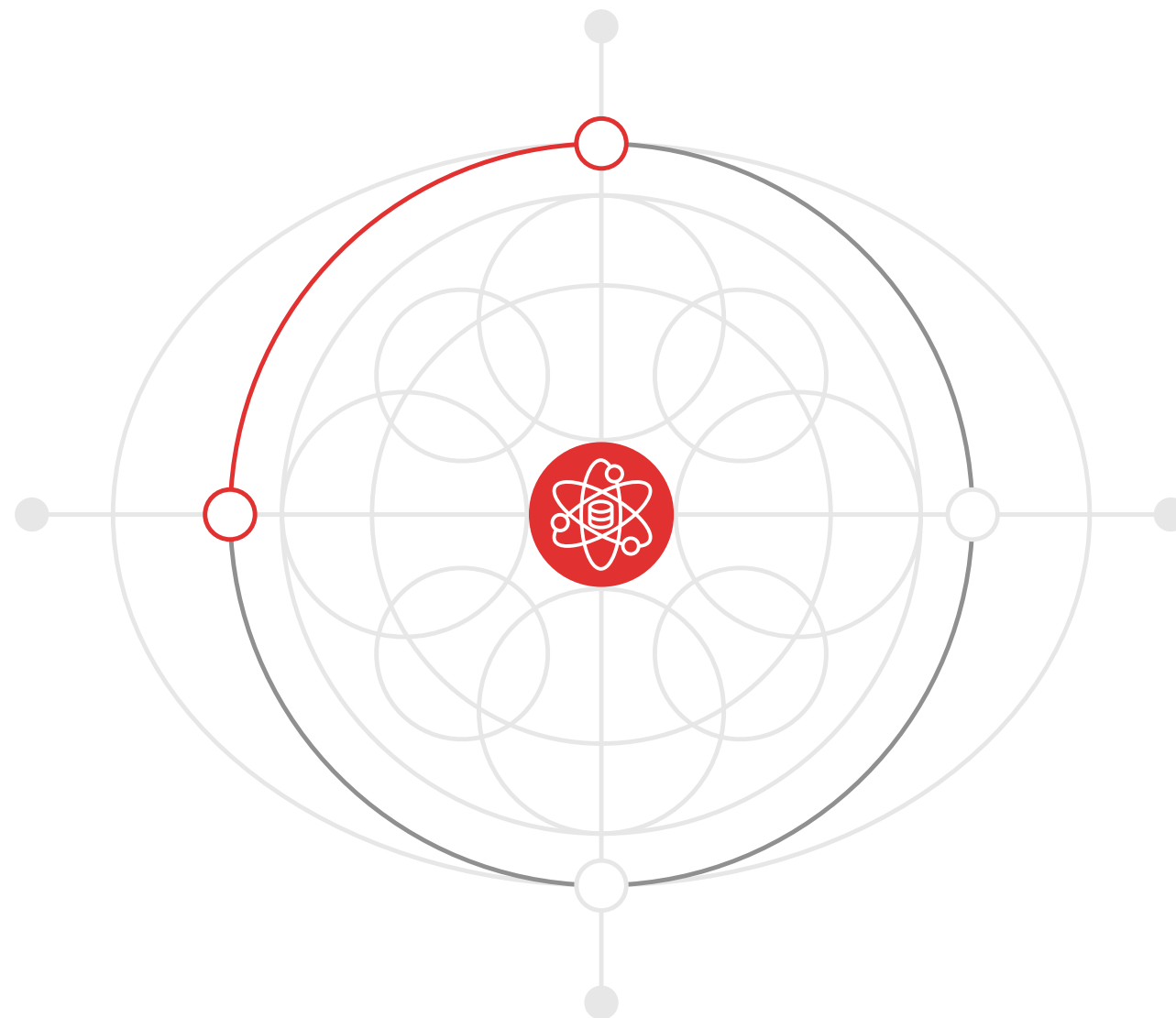
Our edge AI solutions deliver fast and efficient processing of visual data directly on devices, ensuring low latency and reduced bandwidth requirements for applications that demand immediate responses.



Solutions: Data Science



Data helps us extract meaningful value from your information assets. We uncover hidden insights, build predictive models, and drive faster decision-making across domains.



Statistical Analysis



Data Cleaning &
Preprocessing



Model Evaluation



NLP



Time Series Analysis

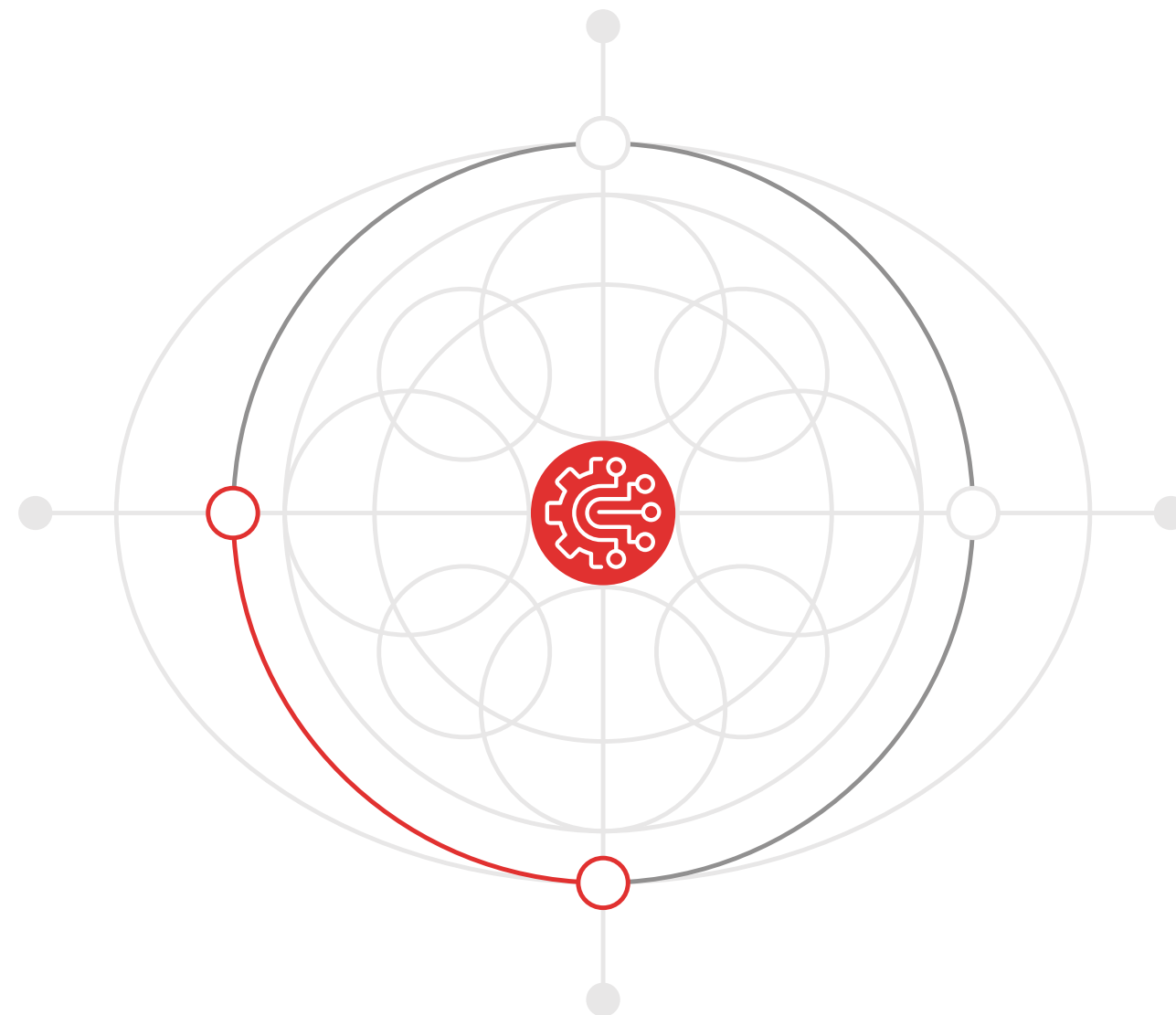


Deep Learning

Solutions: AIOps & MLOps



From model development to deployment and management, we automate all processes for reproducibility and bridging the gap between different teams. This is achieved with the help of ML and Big Data.



Automatic Data Collection



Automatic Data Cleaning
& Verification



CI/CD on Edge & Cloud



Data Visualisation



Reinforcement Learning



Automatic Deployment on
Cloud & Edge Devices

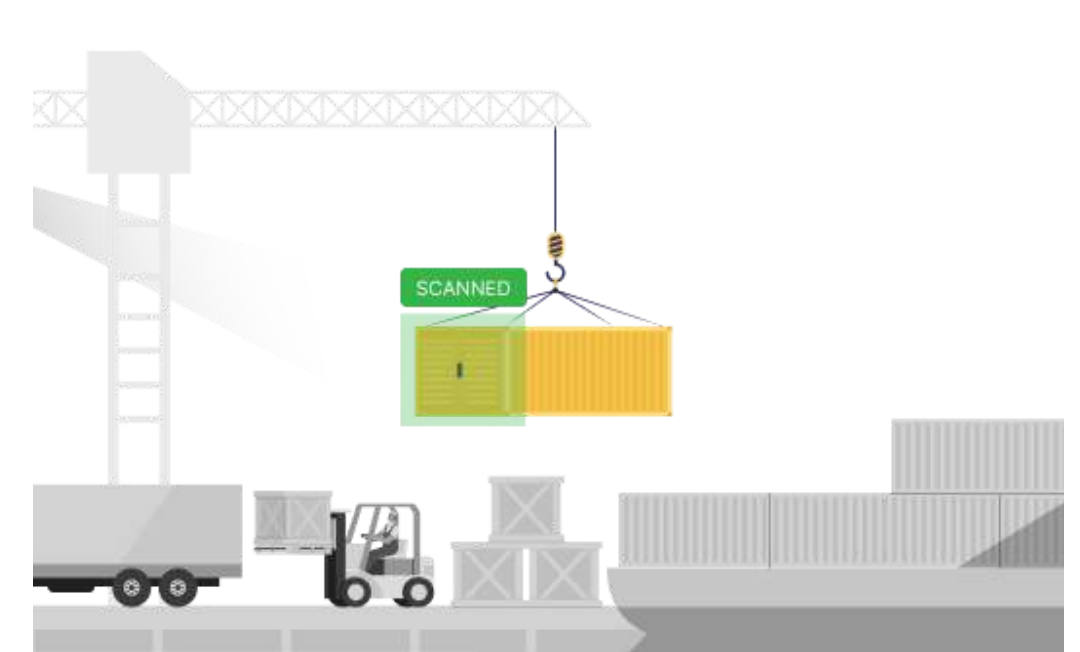
Industries We Serve



OEMs



Construction & Engineering



Transportation & Logistics



Consumer Durables & IT



Semiconductor



Retail

Company Key Members



Ruchir Kakkad
Executive Director



Disha Joshi
Managing Director



Bhumini Vadalia
Business Director



Hardik Sonchhabda
COO



Parth Talaviya
Microsoft Dept.

Business Partners



Smit Khant
USA



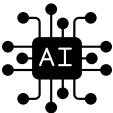
Kota Harada
Japan




David Hardy
UK



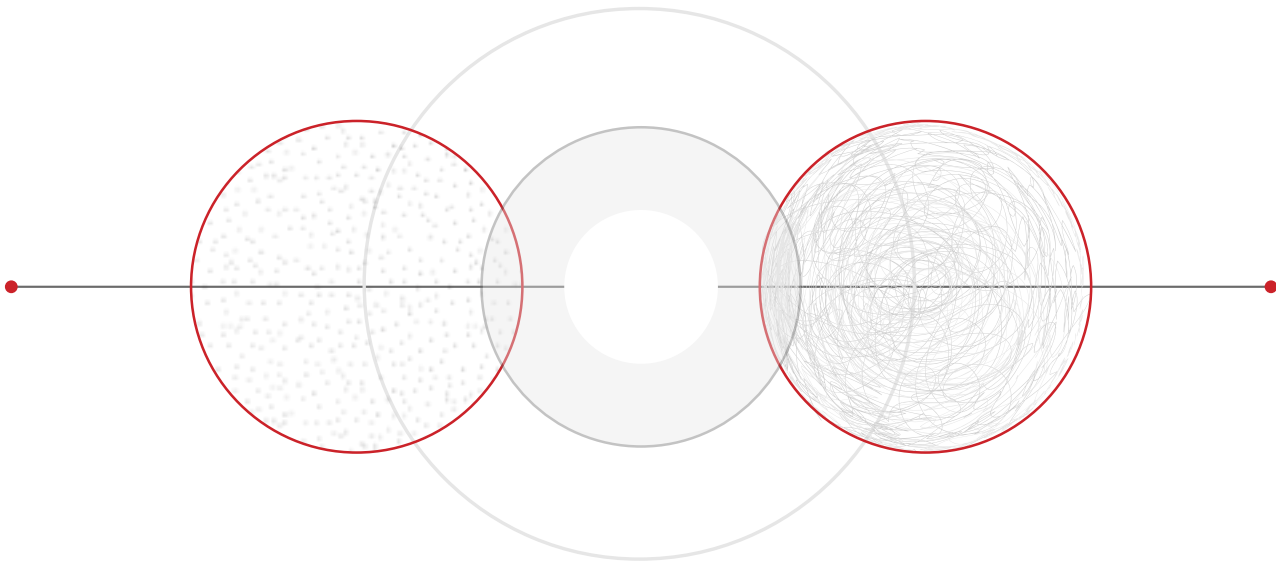


 **Artificial Intelligence**
Computer Vision
LLM
Data Science

 **Web Application**

 **E-Commerce**
Shopify
Woo-Commerce

 **Game Development**



CMS 
Hubspot
Wordpress
Shopify

Mobile Application 

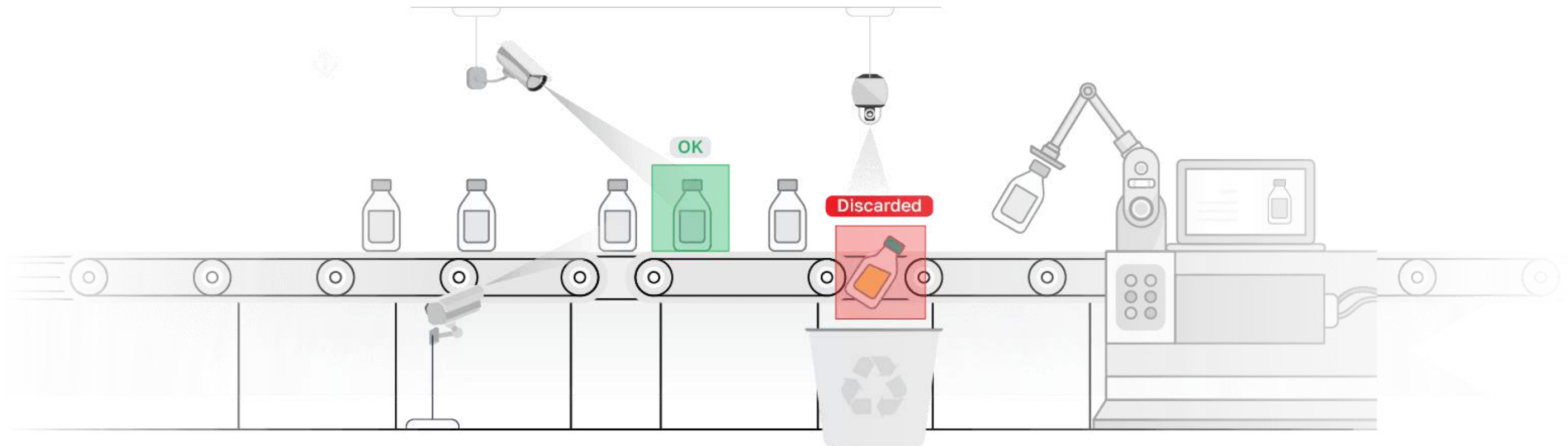
XR 
Virtual Reality
Augmented Reality

Migration 



Artificial Intelligence

Computer Vision



Model: Production Line Visualisation



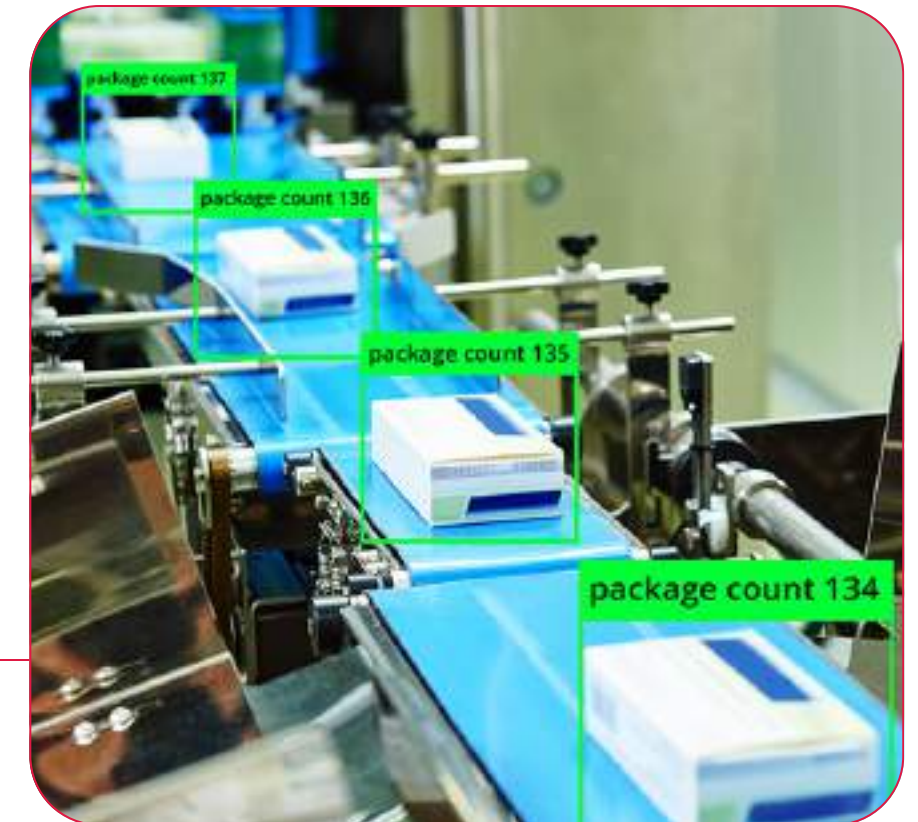
Customer:

A big Cosmetics Manufacturing and Packaging company dealing in multi-variety productions.



Project Details:

- **Duration:** 3 Months
- **Technologies:** OCR, Machine Learning, Python, PyQt, MongoDB, Kafka



Problem:

The company lacks an automated system to accurately count manufactured products, causing inefficiencies, errors, and limited visibility into production metrics.

This hinders **productivity, waste reduction, and process optimization.**

Solution:

Deployed a **Computer Vision System** with **Industrial cameras** fitted on Top of Each Line.

- AI Model counts products in real time.
- The Data is transmitted to the Web Platform continuously.
- The System is also able to configure multiple Production lines by managing the Cameras, Shift, and Products data Dynamically.

15% ↑
Production Efficiency

25% ↓
wastage

Model: Production Line Visualisation



Key Features:



Real-Time Monitoring



Auto-Training Pipeline of New Productions



Live Comparision: Actual Production vs Planned Production



MemoryLens AI: AI-Powered Photo Gallery



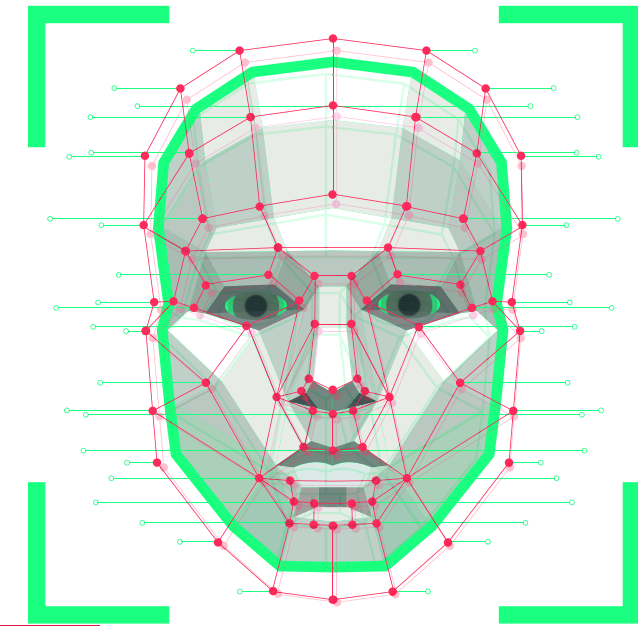
Customer:

Individuals, Event Managers, and Photographers looking for an easy and secure way to manage, search, and share photos and videos.



Project Details:

- **Duration:** 8 Months +
- **Technologies:** Flutter, Laravel, Angular, Socket.IO, SQLite



Problem:

Sharing and Managing photos after an event is a Hassle.

- Sharing Multiple Times as per ask
- Difficulty in Finding Own's Photo
- Duplicate Copies

Solution:

We developed an AI-powered Mobile Application and Web Application for Users.

- The Photos are stored at a **Centralised server** in an **Encrypted format**.
- **Face Recognition Search Algorithm** is implemented for Searching own Photos.
- The **Web Application Portal** makes job easy to Create Private/Public Groups & upload Bulk Photos.

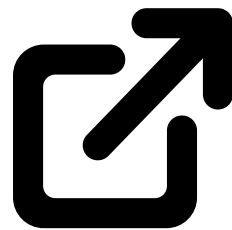
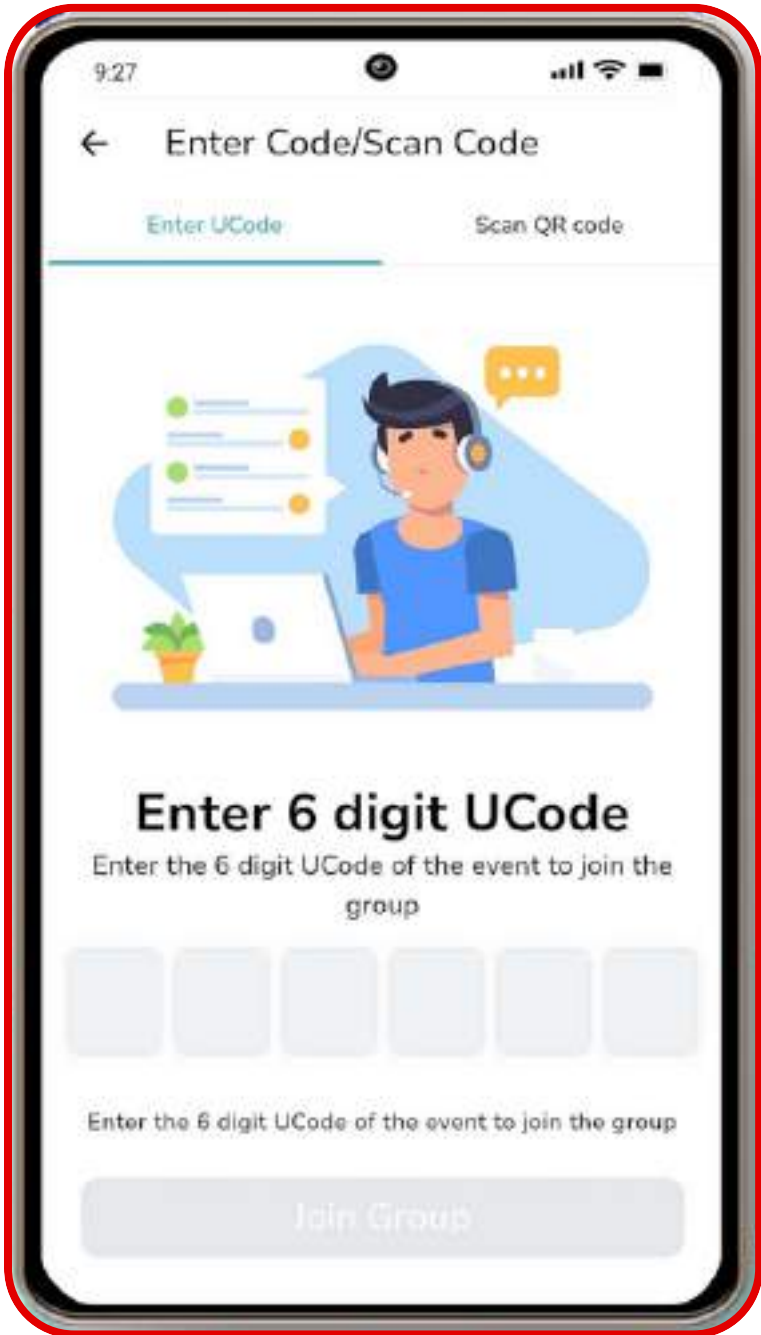
3K+
Downloads

200k+
Faces Identified

50k+
Photos Delivered

99.9%
Accuracy Provided

MemoryLens AI: AI-Powered Photo Gallery



Double Stamp Fault Detection on Steel Plate



Customer:

One of the Top 5 Steel Manufacturing Company in Japan.



Project Details:

- **Duration:** 4 Months+
- **Technologies:** OCR, Machine Learning, Python, PyQt, MongoDB, Kafka



Problem:

This 24X7 running company has assigned persons to verify the engraving on the Steel Plate by the Machine.

- Double Stamping of characters makes it hard to interpret
- Manual verification of "To be Printed" Vs "Actually Printed"

Solution:

We have designed a Desktop Application that perform the OCR (Optimal Character Recognition) on the images.

- High-end Industrial Camera captures the images and sends them to the Edge Processing Device for OCR.
- The Application compares the OCR results with the correct sequence of the Characters Received separately from the PLC.
- The Comparision Result is displayed on a screen attached to the Edge Device.

100%

Accuracy



No Manual Intervention required

Double Stamp Fault Detection on Steel Plate



Live Comparison Screen
Image vs PLC Data

SYSTEM STATUS ●PLC CONNECTION ●PROCON CONNECTION ●

ACTIVE: RUN MODESWITCH TO CONFIGMODEOCR THRESHOLD 30

READING: In Progress... ●OCR RESULT: ●PATLITE STATUS: ●

IMAGE FOR OCR

PLC Data and OCR DataRead Time: 2024-12-12 17:21:43

Line No.	PLC Data	OCR Data	Double Stamp Result	OCR result
Line 1	DW3086	S48CL	OK	NG
Line 2	SIZE9.00mm	SIZE23.00mm	OK	NG
Line 3	H.NO.D437A	H.NO.NK94A	OK	NG
Line 4	SCM435-1	DW1987-3	OK	NG

Model Output with OCR and
Double Stamp Detection

Characters with NO Double Stamp Detection

Characters with Double Stamp Detection

Model: Scratch Detection on Speaker Surface



Customer:

An inspection company that inspects various materials using High-end Technologies e.g. Computer Vision and Robotics.



Project Details:

- **Duration:** 1 Month
- **Technologies:** TensorFlow, Python, OpenCV, Industrial GigE Cameras, Flask



Problem:

They faced multiple problems while finding defects on the **"Speaker Net"** Surface.

- Missed Identification as it is Prone to Human errors
- Low Accuracy using conventional AI models

Solution:

We have developed a custom **AI Segmentation model** that not only identifies/detects the scratches but also classifies them according to their nature.

This helps in prioritizing the seriousness of the defects and helps further to take decisive actions.

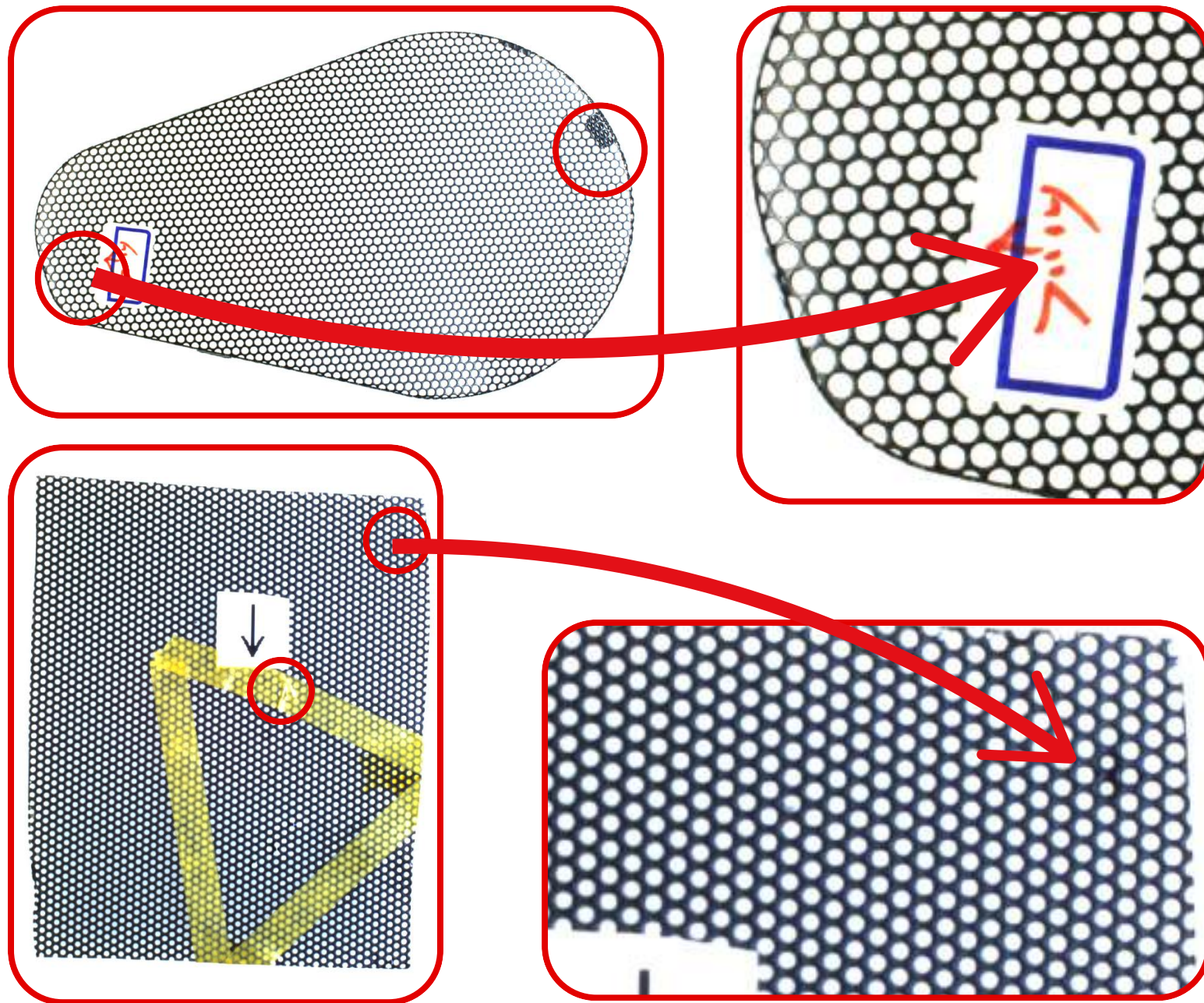
99%

The Model identifies the defects with 99% accuracy.

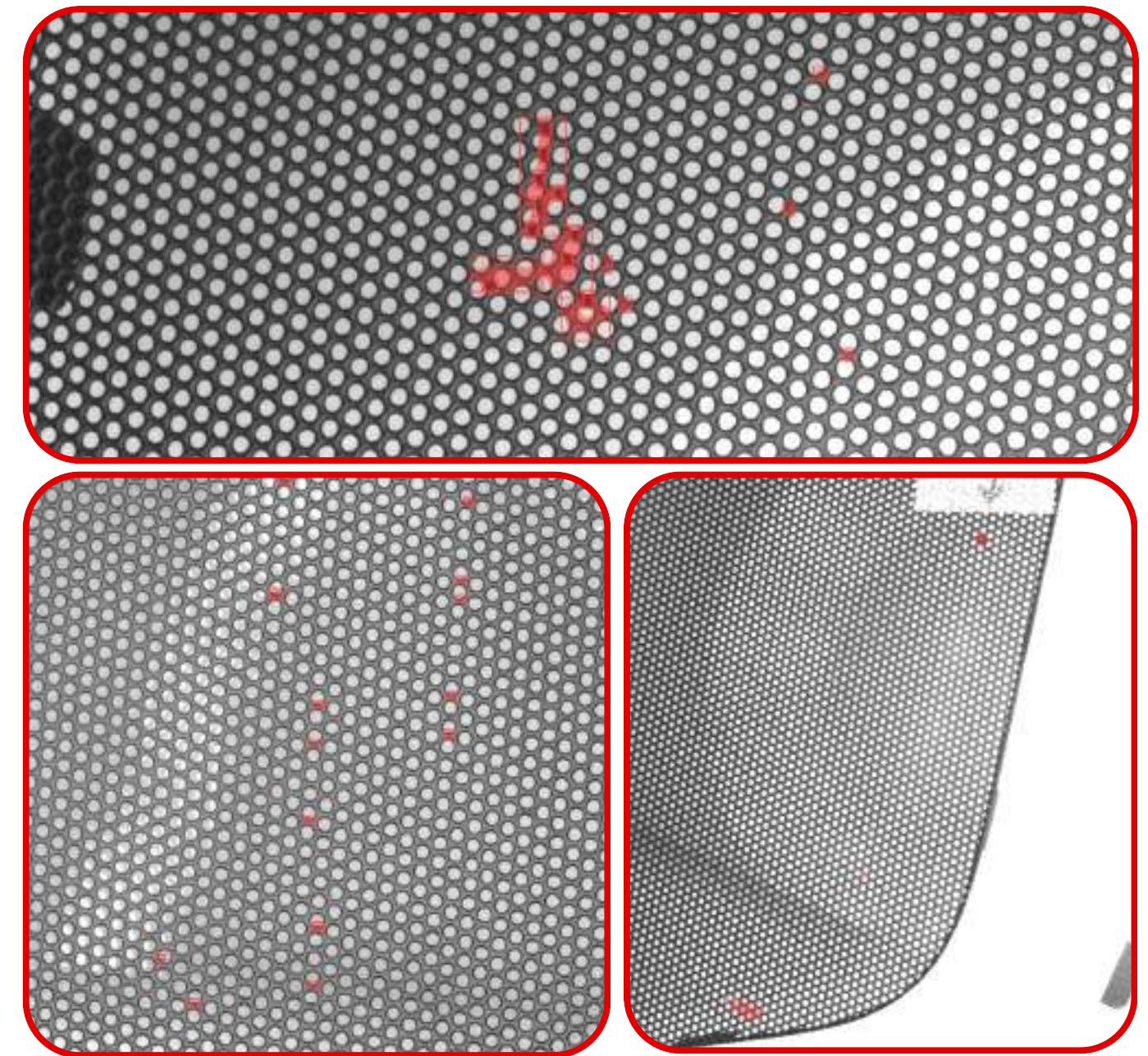
Model: Scratch Detection on Speaker Surface



Sample Defective Images



Model Output Samples



Model: Melting Area Depletion Detection



Customer:

One of the Top 5 Steel Manufacturing Company in Japan



Project Details:

- **Duration:** 3 Months+
- **Technologies:** Deep Learning, OpenCV, PyQt, Matplotlib, SQLite,

Problem:

As the load cells are not installed in some furnaces, visual monitoring is performed by the operator.

- The company relies on manual monitoring of the Steel Melting Process and changing the Melting Patterns.
- The operator visually inspects the images & makes a judgment. Sometimes, make the mistake.

Solution:

We have designed a Desktop Application that performs the detection on the depleting area (Notch).

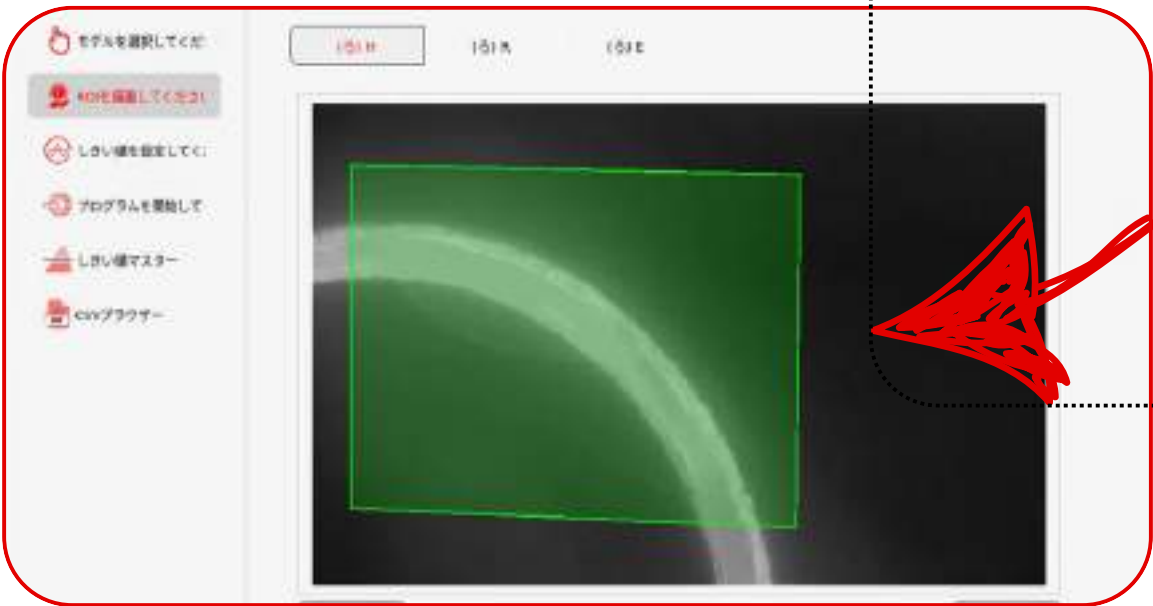
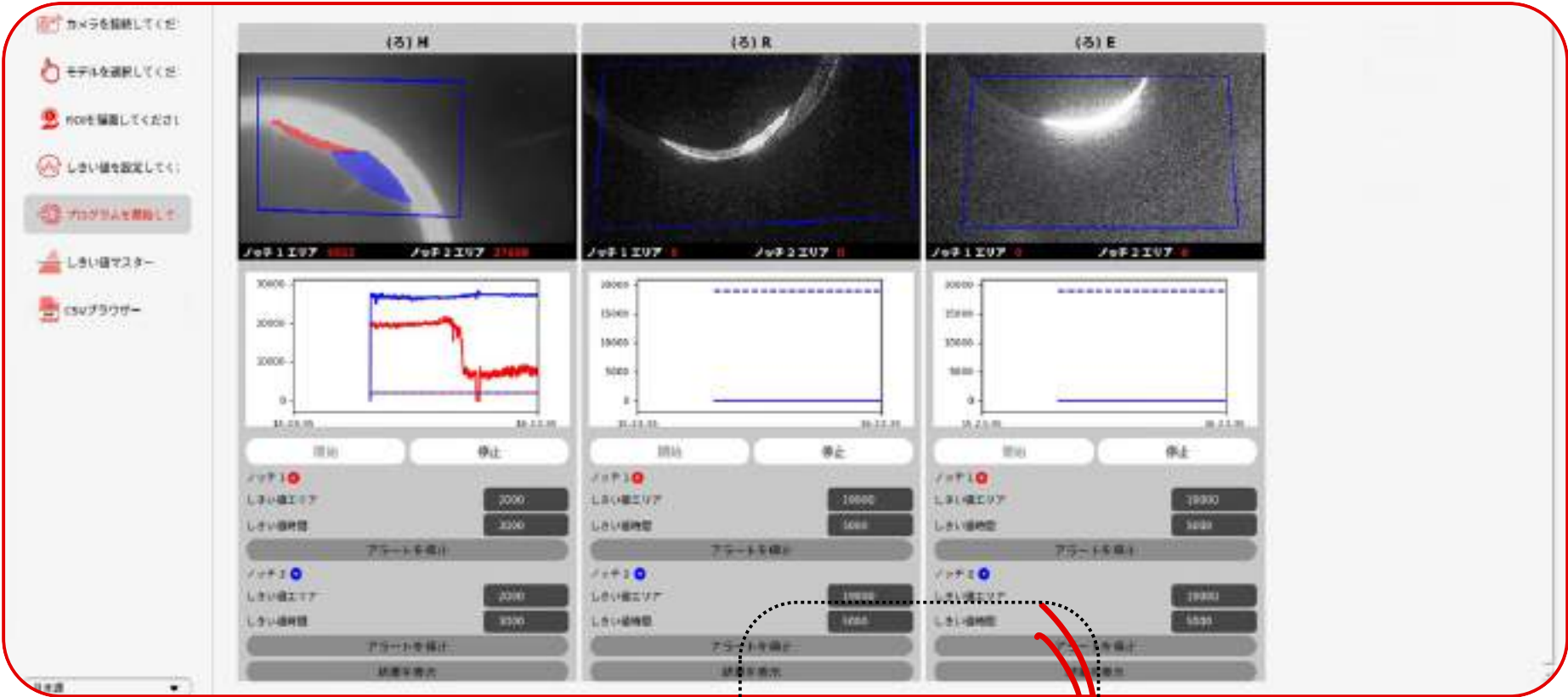
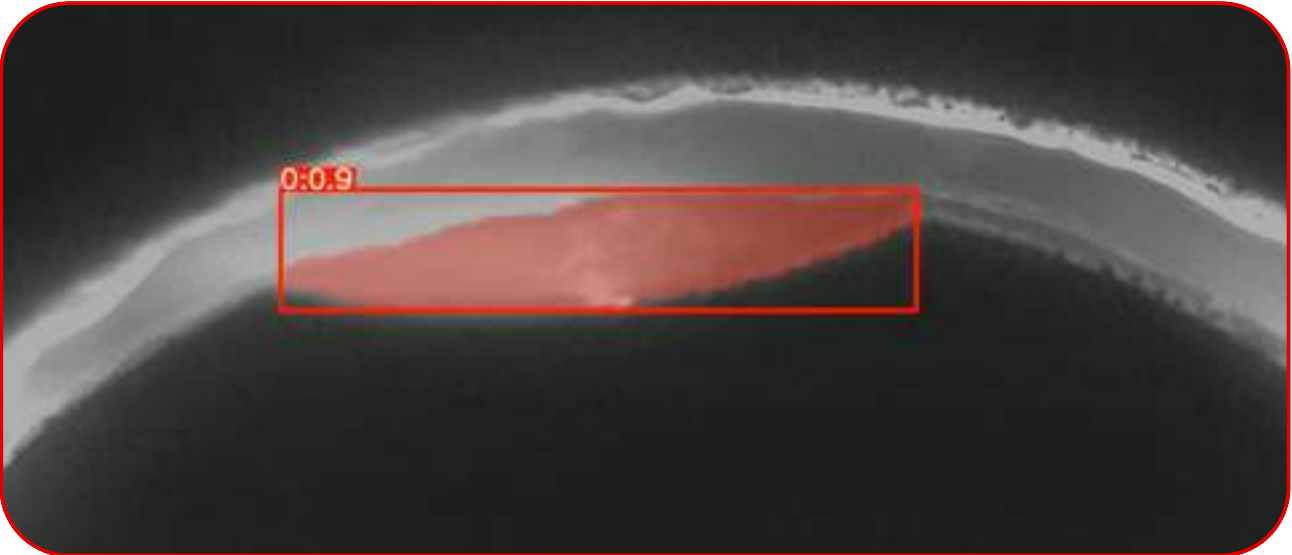
- The Model accommodates the different positions of the Notch.
- The Model also understands the different types of notches (based on shape).
- A real-time Graph is generated for better insights about the stage of melting.
- A threshold Area can be set where the alerts will raise when the area falls below that.



The Outcome:

It is working with high accuracy, giving precise results and timely alerts.

Model: Melting Area Depletion Detection



Model: Inkjet Print Verification on Bottle



Customer:

A big Cosmetics Manufacturing and Packaging company dealing in multi-variety productions



Project Details:

- **Duration:** 3 Months
- **Technologies:** OCR, Machine Learning, PyTorch, NLP, Python, PyQt, PostgreSQL,



Problem:

In one of the processes, a unique number is printed under the bottle using an inkjet printer.

- Each print is manually verified at the end of the line.
- The print is sometimes printed incorrectly (Half Printed, Not Printed)

Solution:

Deployed a Computer Vision based system with Industrial cameras fitted in a way that captures the bottom view.

- The Camera captures the photo on the trigger of the sensor. The photo is sent to the processor.
- The system performs OCR and provides results.
- The System also cross-verifies the correct sequence by comparing the OCR result with the serial number received from the printer.

100%

Accuracy in false print detection

<1 Sec

time between OCR & real-time alerts

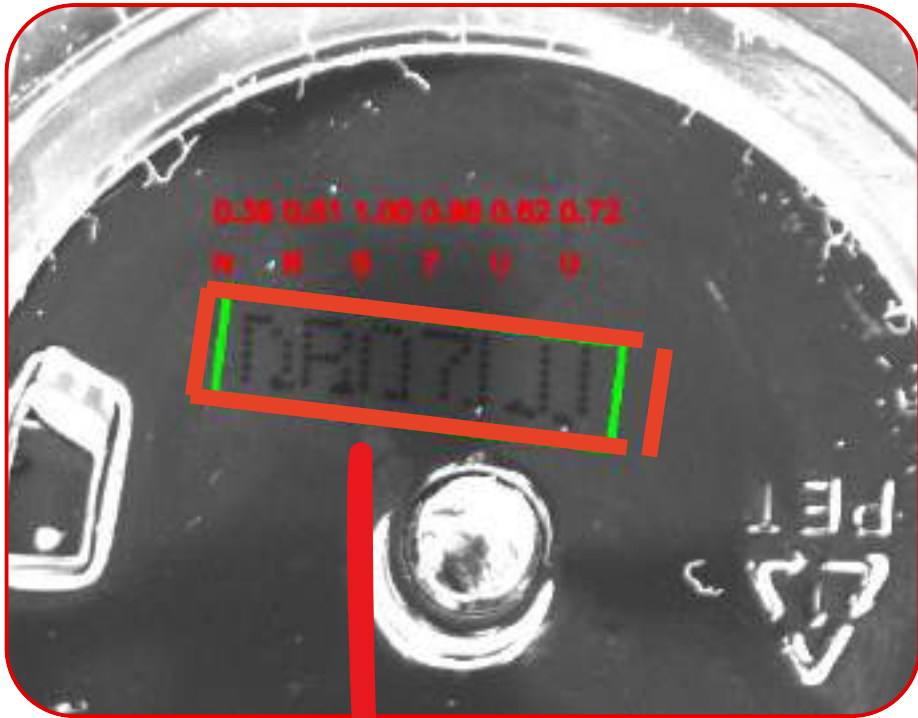
Model: Inkjet Print Verification on Bottle



Correct Results



Incorrect Results



Partially Printed Characters

Production Line-wise Reports & Log

Final product count	758	
AI OCR OK count	708	
AI OCR NG count	10	
Post-process NG count	10	(into the force)
Re-entry number (part of OCR NG)	10	(into the force)
Actual NG: OCR inspection NG	3	(into the force)
Difference: OCR inspection NG	0	

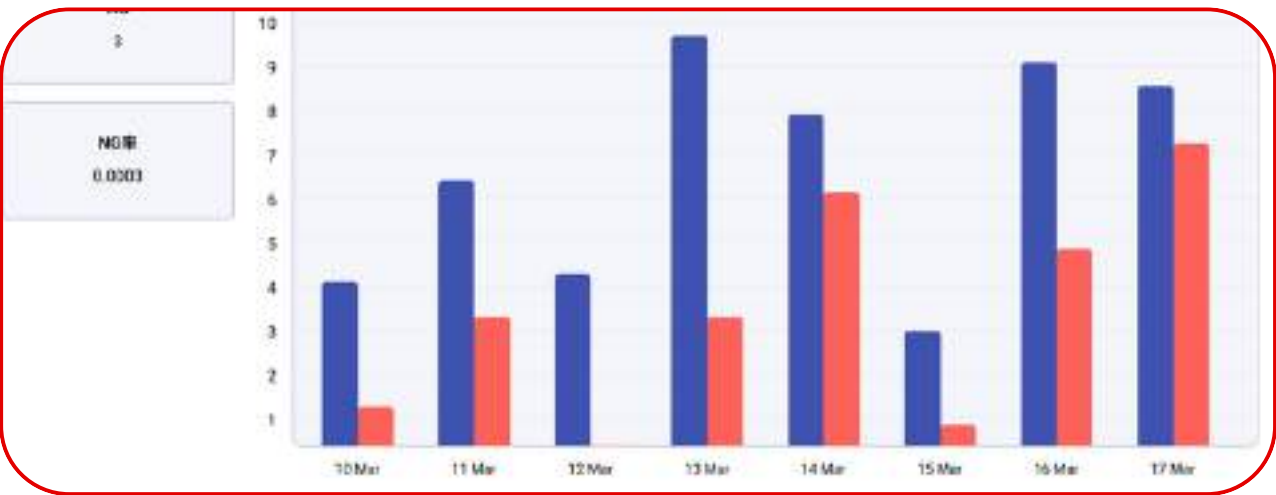
Final product count	603	
AI OCR OK count	700	
AI OCR NG count	10	
Post-process NG count	10	(into the force)
Re-entry number (part of OCR NG)	10	(into the force)
Actual NG: OCR inspection NG	3	(into the force)
Difference: OCR inspection NG	0	

Final product count	603	
AI OCR OK count	700	
AI OCR NG count	10	
Post-process NG count	10	(into the force)
Re-entry number (part of OCR NG)	10	(into the force)
Actual NG: OCR inspection NG	3	(into the force)
Difference: OCR inspection NG	0	

Line data	Modified at 16:25	
Final product count	603	
AI OCR OK count	708	
AI OCR NG count	10	
Post-process NG count	10	(into the force)
Re-entry number (part of OCR NG)	10	(into the force)

Line data	Updated at 16:35	
Final product count	603	
AI OCR OK count	700	
AI OCR NG count	10	
Post-process NG count	10	(into the force)
Re-entry number (part of OCR NG)	10	(into the force)

Line data	Updated at 16:55	
Final product count	603	
AI OCR OK count	700	
AI OCR NG count	10	
Post-process NG count	10	(into the force)
Re-entry number (part of OCR NG)	10	(into the force)



Model: Anomalies Detection on Bottle



Customer:

A company in Japan that manufactures glass bottles for medicines.



Project Details:

- **Duration:** 3 Months
- **Technologies:** Deep Learning, MongoDB, RabbitMq, Python



Problem:

The company produces more than **100k+** bottles every day.

- They have to QC each bottle manually.
- Manual QC takes too much time and prone to errors
- Lot of people needs to be allocated due to high volume.

Solution:

Deployed a Computer Vision based system with Industrial cameras fitted in a way that captures the bottom view.

- The Camera captures the photo on the trigger of the sensor. The photo is sent to the processor.
- The system performs OCR and provides results.
- The System also cross-verifies the correct sequence by comparing the OCR result with the serial number received from the printer.

100%

Accuracy in false
print detection

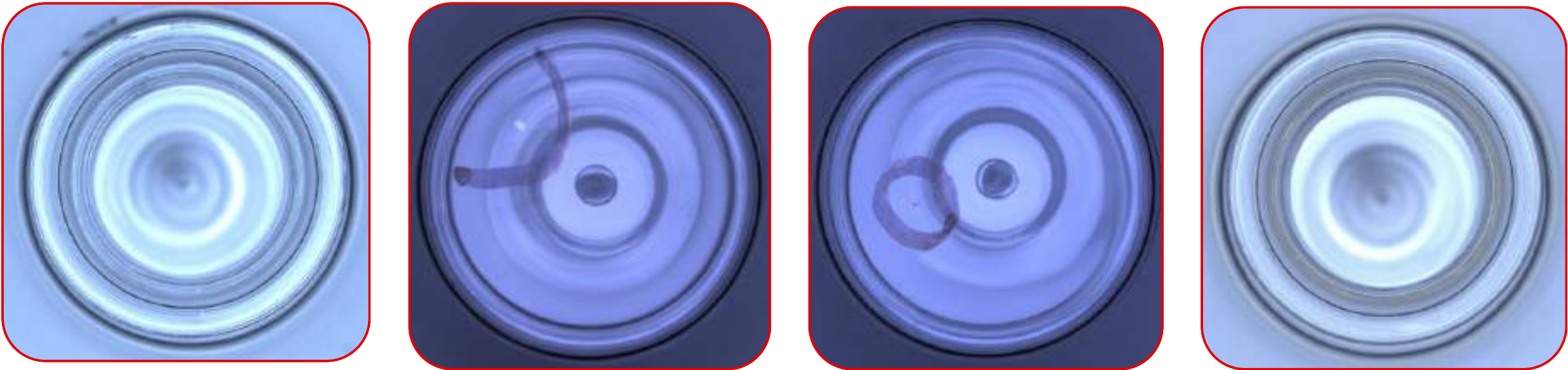
<1 Sec

time between OCR
& real-time alerts

Model: Anomalies Detection on Bottle



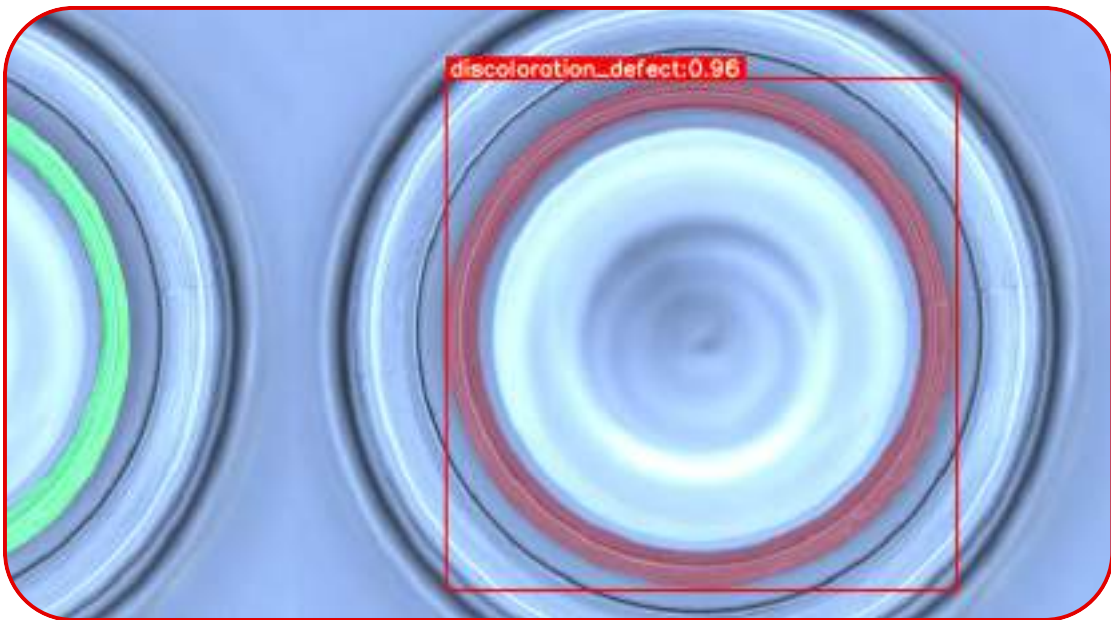
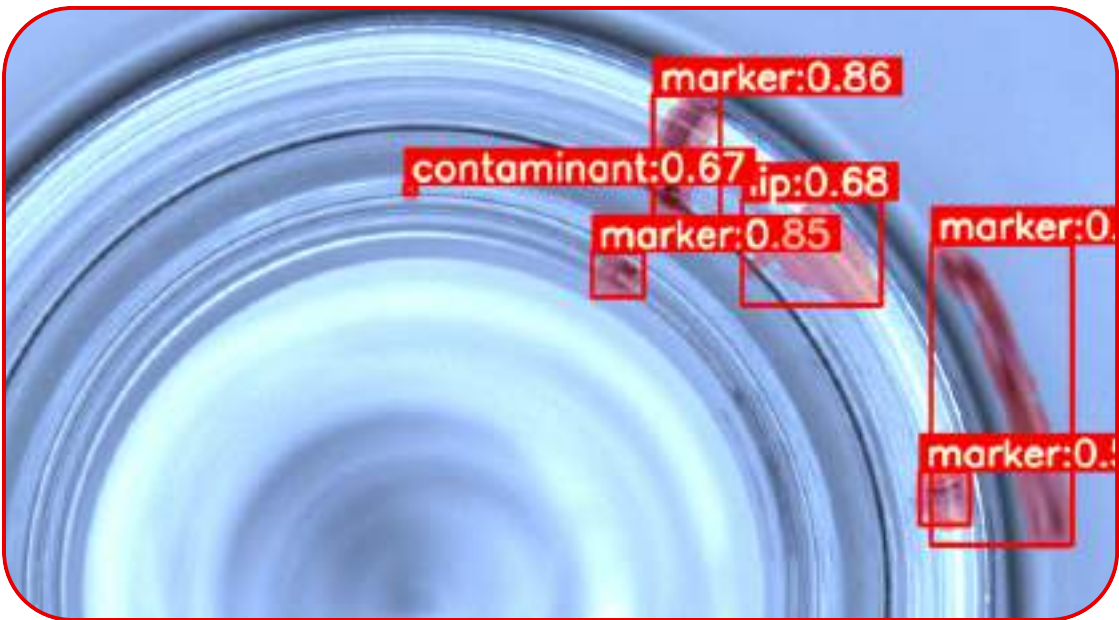
Bottom View - Defective Glass Bottles



Front View



AI Model Outputs - With segmentation and Classification of Defects



Model: Printing Inspection on Cosmetic Bottle



Customer:

A big Cosmetics Packaging company dealing in multi-variety productions.



Project Details:

- **Duration:** 2 Months
- **Technologies:** Machine Learning, OpenCV, FastAPI, MongoDB



Problem:

The printing appears flawless on empty bottles, but once the bottles are filled with fluid, bubbles & other anomalies form under the print.

- Need to QC again after the Filling of Fluid
- Manual Process is prone to errors & hence customer dissatisfaction rates are high.

Solution:

Deployed a Computer Vision based system with Industrial cameras fitted on a Conveyor Belt.

- We fitted Line Cameras and Area Cameras to capture the image correctly.
- A Desktop system at the production line analyses the Bottle images in real-time and displays whether there is an anomaly or not.

99.5%

Accuracy

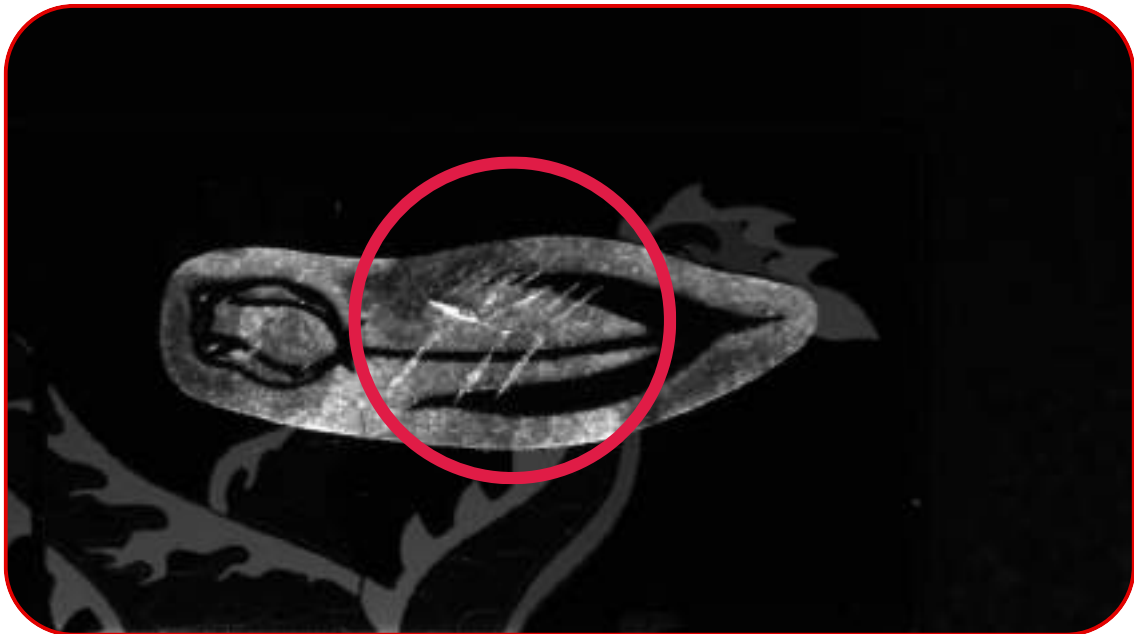
Detected

- Wrinkles
- Holes
- Scratch

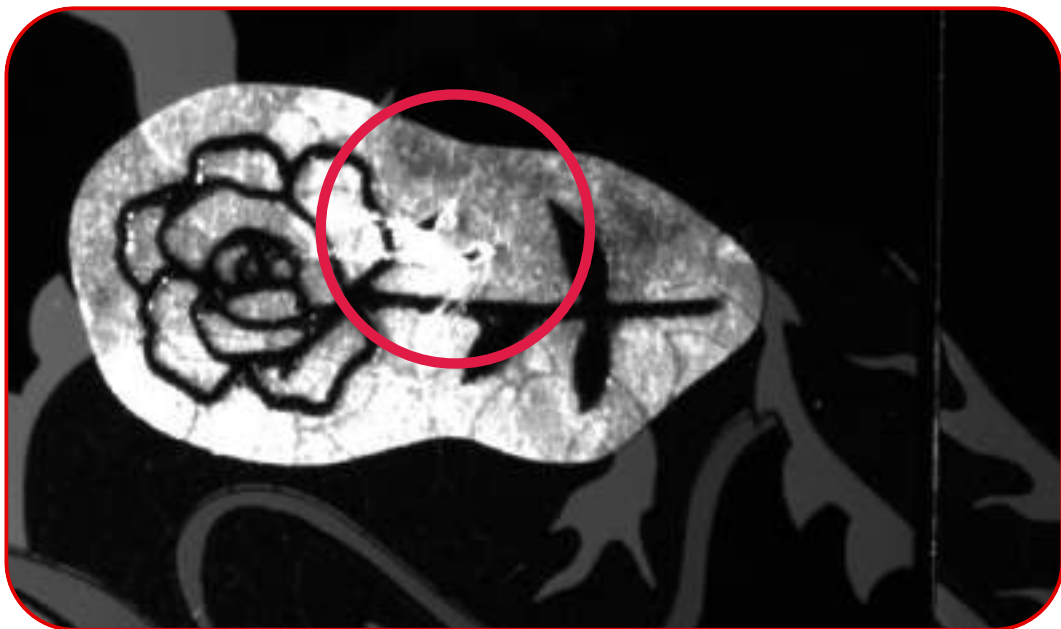
Model: Printing Inspection on Cosmetic Bottle



Defective Bottles



SCRATCH

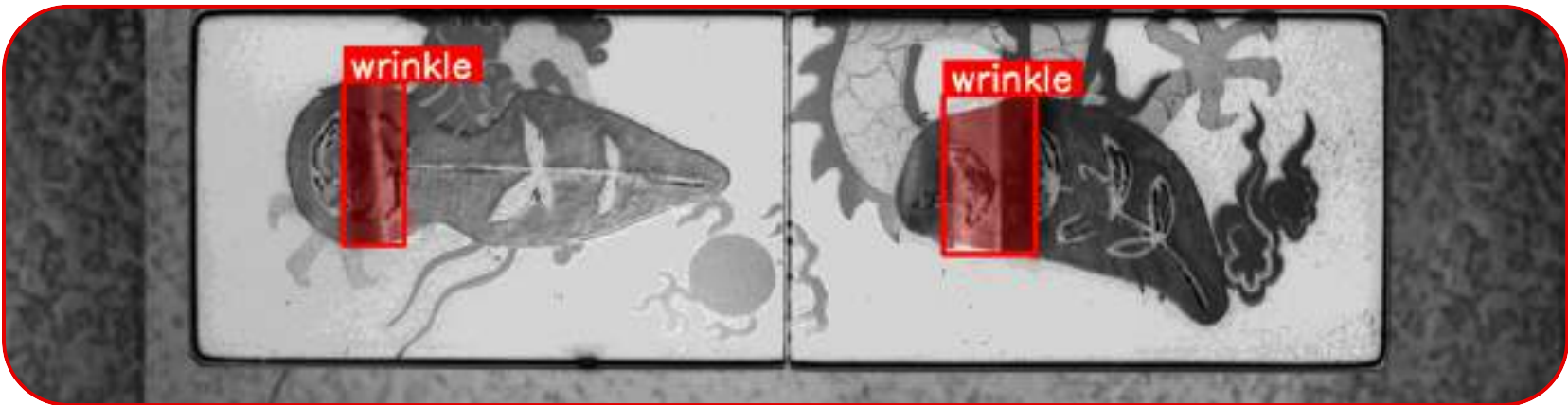


HOLES



WRINKLES

AI Model Outputs



Model: Bread Packets Classification & Counting



Customer:

The Singapore top manufacturer and wholesale dealer of bread, buns, cakes and pastries.



Project Details:

- **Duration:** 2 weeks
- **Technologies:** Deep Learning, OpenCV, Python, flask, MongoDB

Problem:

- No Data for How many Bread Packets were given to a shopkeeper and how many were taken back
- What brands and sizes of Bread Packets are most likely consumable and which ones are not?
- Unnecessary Idle times when the shopkeepers are busy to confirm/validate the counts.
- Prone to Human Errors in Counting

Solution:

We have developed a custom classification model based on transformer architecture.

- This model identifies bread packets and counts them.
- This model classifies Bread packets into predefined categories.

It enables faster task execution with minimal errors, significantly improving efficiency and accuracy.



100%

Accuracy

10 distinct categories are classified along with variations in size.

Model: Bread Packets Classification & Counting



Sample Images



Model Output Images



Model Classification result

Total QTY	2
Wholemeal-Extra-Soft&Fine-400g 1 X Qty.	1 QTY.
Pandan - Coconut-340g 1 X Qty.	1 QTY.
Total Count	6
Wholemeal-Extra-Soft&Fine-400g	1
Enriched White 600g	2
Nutri-Ace-Hearty-Oat-Loaf	3

Model: Glass Fill Level detection



Customer:

The customer operates a food chain, including restaurants and bars.



Project Details:

- **Duration:** 2 weeks+
- **Technologies:** Deep Learning, OpenCV, Python.



Problem:

The Restaurant owners at restaurants often face difficulties in:

- Keeping a constant watch on the Fill levels of the Drink
- Suggesting/asking for the next drinks Timely manner.

Solution:

- We have developed an AI model using a segmentation technique that accurately identifies the drink level in a glass.
- When the drink level drops below fixed level, the model triggers an alert, enabling store owners to recommend the next drink to the customer promptly.

%

Accurate %
provide for full
vs. empty glass
accurately.

Model: Glass Fill Level detection



Drink % of
Glass 1
89%

+

Drink % of
Glass 2
78%

+

Drink % of
Glass 1
32%

+

Drink % of
Glass 2
41%

+

Drink % of
Glass 1
15%

+

Drink % of
Glass 2
0%

Model: Mobile Usage Detection



Customer:

An organization looking to monitor their employees mobile usage for their productivity or safety.



Project Details:

- **Duration:** 4 months+
- **Technologies:** Deep learning, Node JS, MongoDB, Radis, RabbitMQ, AWS

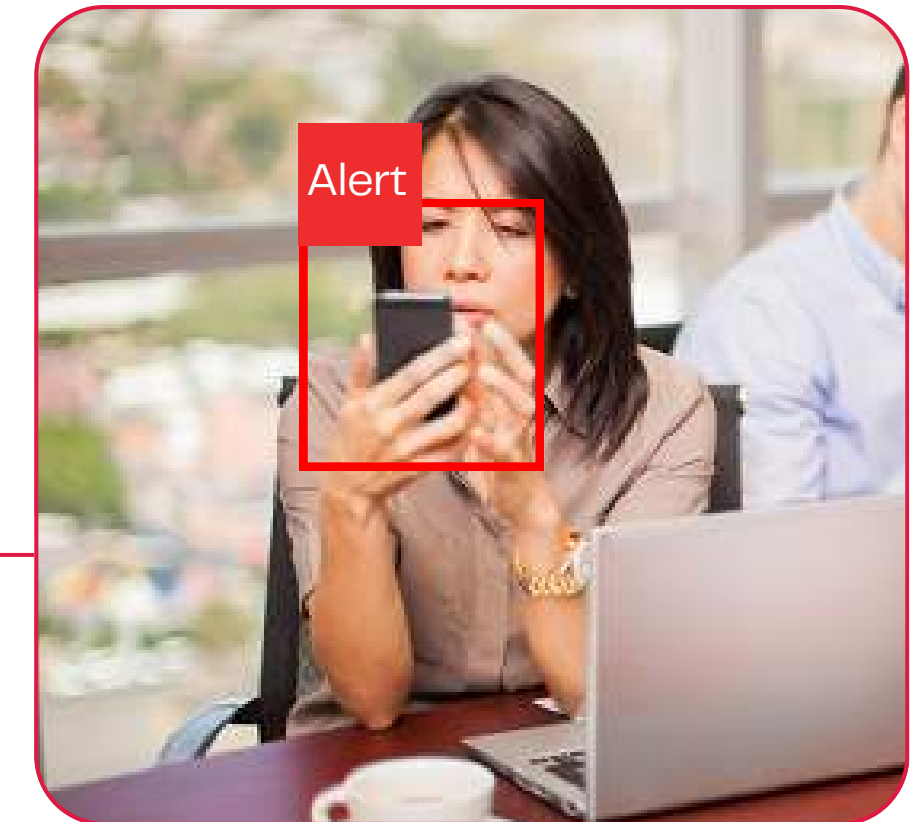
Problem:

Frequent mobile usage during work hours causes distractions

- Organization can not monitor each individual constantly
- No official incident report Log
- Doesn't have the Actual Efficient Hours

Solution:

- We developed a computer vision-based mobile detection solution that monitors employee mobile usage in real-time.
- We created a solution that works on their existing Camera infrastructure.
- Based on the number of cameras, the necessary Hardware for Edge Processing was procured.
- The Analytics Data and Incidents are stored to the Cloud.
- Also provided flexibility to Map a Work-Station with the Employee.



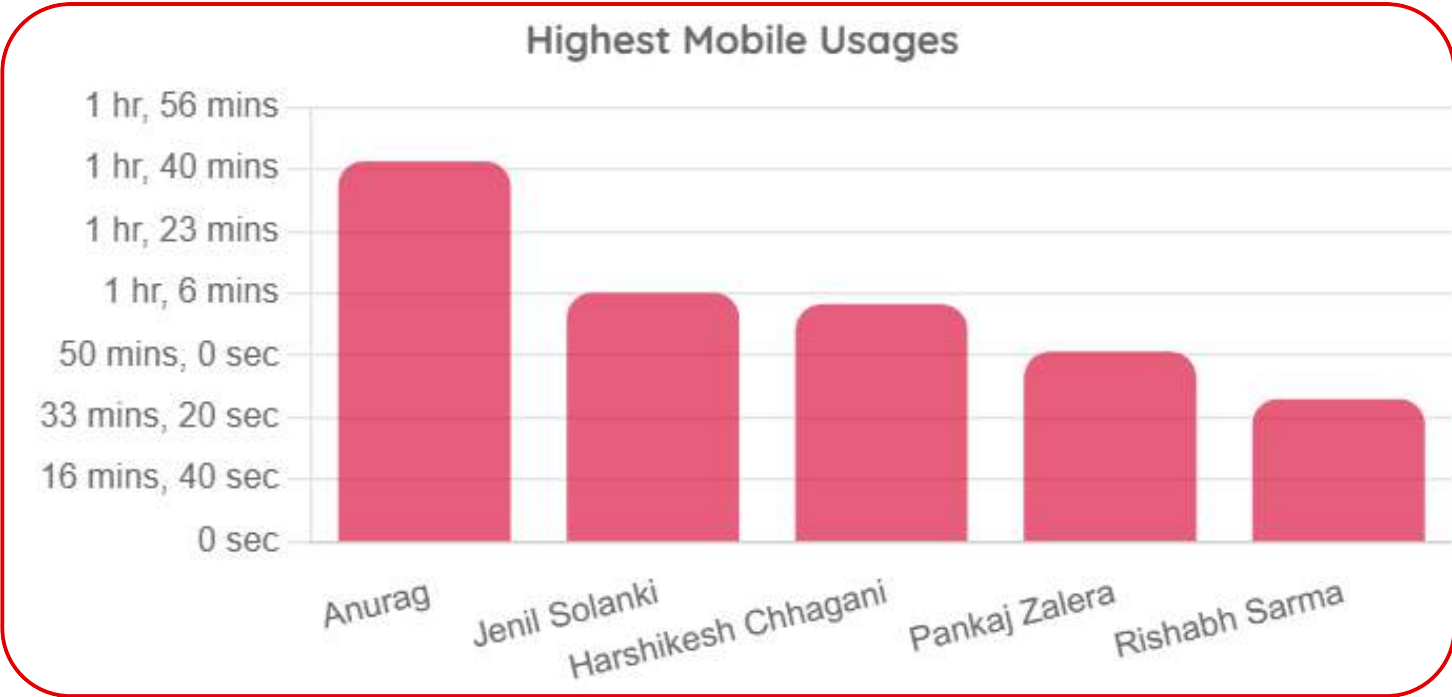
95%

Accuracy with the conclusive dashboard




Model: Mobile Usage Detection



User Wise Statistics



Event Log

Image	Person Name	Workstation	Time	Duration
	Prakash	19	12/31/2024 09:31:46 - 09:32:26	40 sec
	Rakhi	28	12/31/2024 09:31:29 - 09:33:53	2mins, 24 sec
	Nivedita	21	12/31/2024 09:31:12 - 09:31:22	10 sec



Model: Employee Occupancy Detection



Customer:

Organizations looking to monitor and optimize occupancy levels in shared office spaces.



Project Details:

- Duration: 4 months+
- Technologies: Deep learning, Node JS, MongoDB, Redis, RabbitMQ, AWS

Problem:

Tracking employees presence at desk is often challenging, leading to difficulty in

- Excessive breaks impacting overall team efficiency
- Optimizing workspace
- Resource management

Solution:

- We developed a computer vision-based employee occupancy detection solution that monitors employee desk occupancy in real time.
- We created a 2-D Digital Twin of Occupancy for Real-Time Occupancy Tracking with Space Utilization Insights.
- A module that detects & records if a desk is occupied by the employee or not with a timestamp. It helps in identifying occupancy trends with alerts.
- Flexibility of Mapping a Work-Station with the Employee for individual-based insights.






95%

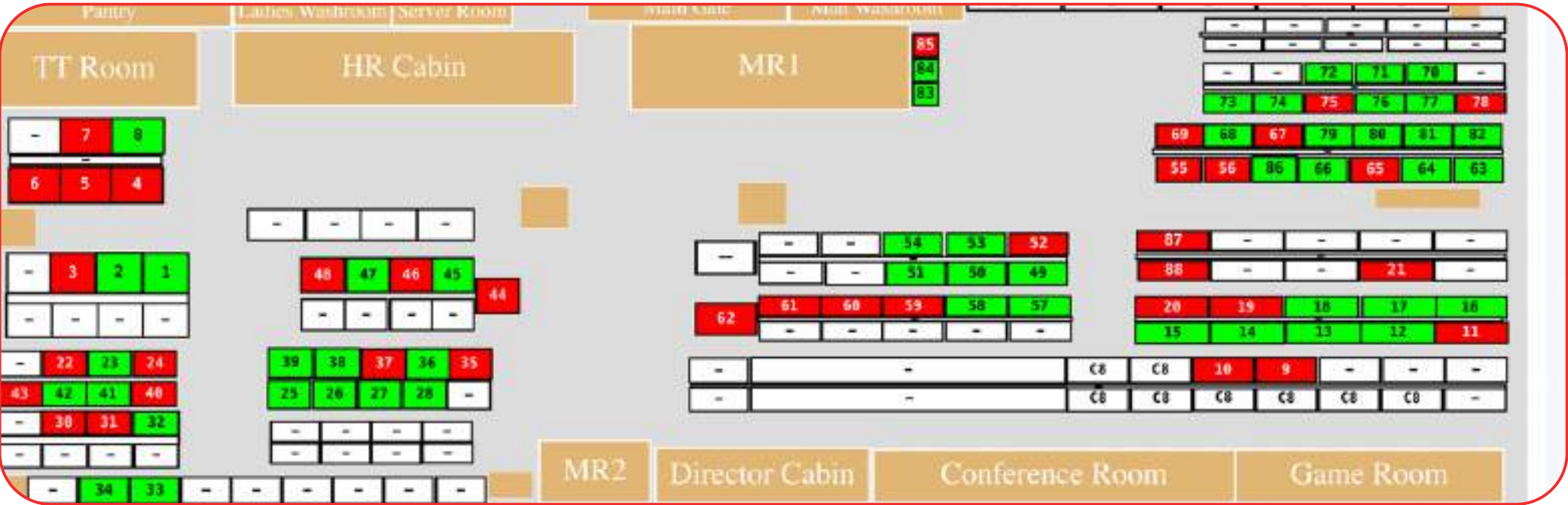
Accuracy with the conclusive dashboard

Model: Employee Occupancy Detection



Event Log

Image	Person Name	Workstation	Event type	Event Time
	Vasu	19	IN	12/31/2024 09:31:46 - 09:32:26
	Jay	28	OUT	12/31/2024 09:31:29 - 09:33:53
	Akshay	21	IN	12/31/2024 09:31:12 - 09:31:22



Model: AI-Powered Tennis Analytics



Customer:

A top tennis academy and sports organization helping players improve with advanced training and match analysis tools.



Project Details:

- **Duration:** 3 Months
- **Technologies:** Deep Learning, OpenCV, Python, data science

Problem:

- Tennis academies having multiple courts and players, struggle to provide 100% individual attention to each player during training sessions.
- It's difficult to keep track of each player's performance and see where they need to improve.
- Lack of game analysis data.

Solution:

- We developed an AI model where we upload videos to provide game analysis.
- It detects players, the ball, the court, the racket, and body pose for performance tracking.
- The model also includes automatic game scoring and can identify various shots, such as backhand and forehand for game analysis.
- The model clips the video to show only the parts where the players are actively playing and making shots, removing any downtime or irrelevant footage.



95%

Accuracy with
the conclusive
dashboard

Model: AI-Powered Tennis Analytics



Key Features:



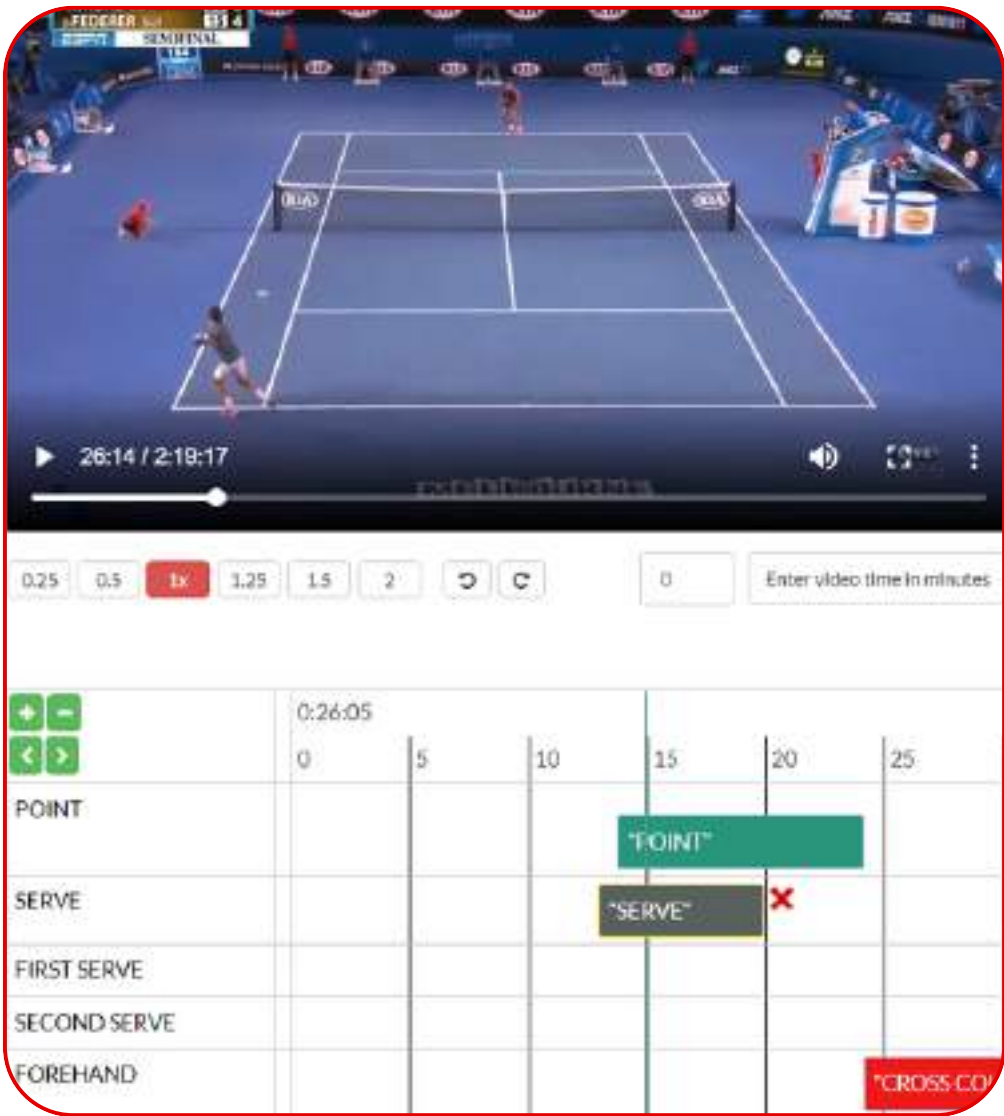
Player Performance Tracking



Automatic Game Scoring



Shot Identification and Automatic Video Clipping



Total serve Statistics					
	In	Out	Net	Let	Total
Serves	1	0	1	0	19
Serve Returns	0	0	0	0	2
Flat Serves	0	0	0	0	3
Slice Serves	0	0	0	0	0
Kick Serves	0	0	0	0	0
Ace Serves					0

First serve Statistics					
	In	Out	Net	Let	Total
Serves	1	0	1	0	4
Serve Returns	0	0	0	0	5
Flat Serves	0	0	0	0	4
Slice Serves	0	0	0	0	0
Kick Serves	0	0	0	0	0
Ace Serves					0

Second serve Statistics					
	In	Out	Net	Let	Total
Serves	1	0	1	0	19
Serve Returns	0	0	0	0	0
Flat Serves	0	0	0	0	0
Slice Serves	0	0	0	0	0
Kick Serves	0	0	0	0	19
Ace Serves					0

Model: Human detection behind a forklift



Customer:

Industries that focuses on inventory management



Project Details:

- **Duration:** 1 Month +
- **Technologies:** Deep Learning, OpenCV, PyQt, Python, Edge Computing devices

Problem:

- Forklift operations in industries pose a risk of accidents, raising concerns about workplace safety.
- Prone to Accidents such as collisions, tipping, or hitting workers are possible.
- Factors like poor visibility, lack of safety measures, and human error increase the risk.

Solution:

- We have mounted the camera along with the processing device on the backside of the forklift.
- We have developed an AI model that detects individuals within a 3-meter zone
- We have defined an arc behind the forklift, covering over 180 degrees Field of View.
- The model also works on multiple human detections.
- The provisions are given in such a way that even if an individual approaches the forklift, an alert will be triggered.



99.8%

Accuracy

18 FPS

Processed

Model: Human detection behind a forklift



Sample images

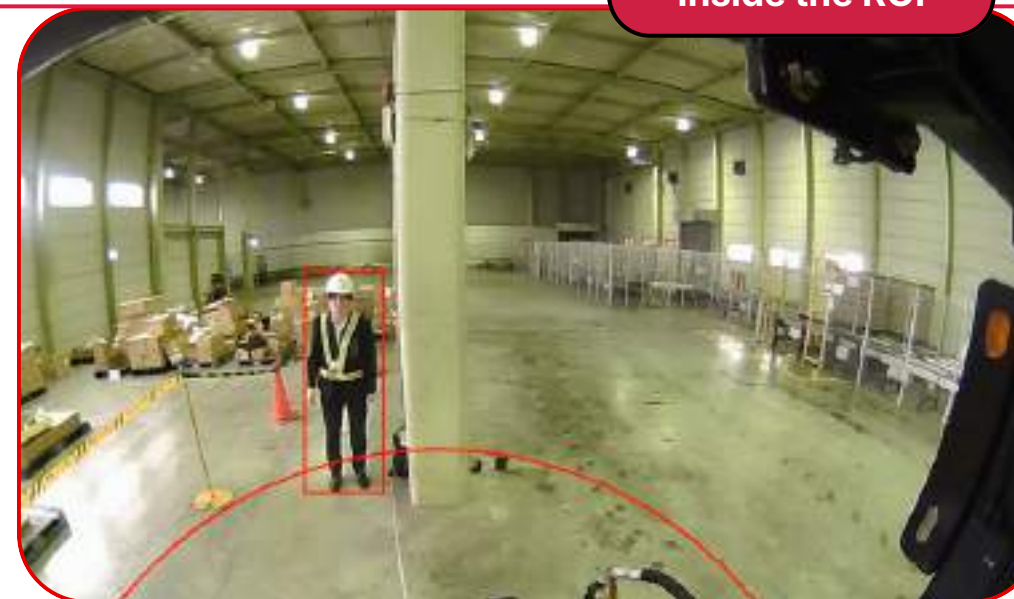


Model Output images

Inside the ROI

Inside the ROI

Outside of ROI



Model: Steel bar counting



Customer:

One of Japan's leading steel manufacturing plants.



Project Details:

- **Duration:** 1 Month +
- **Technologies:** Deep Learning, OpenCV, Python, PyQt, SQLite, Edge computing device

Problem:

- The steel plant workers face challenges in accurately counting steel bars during production due to:
- Low Lighting Conditions
- Constantly Moving Steel Bars
- Impossible to visualise the Entire Steel Bar due to its length.
- Steel Rods can be of different Widths & Breadth.

Solution:

- We have developed a Desktop Build that runs our detection Model.
- It counts steel bars within the dynamically drawn region of interest (ROI) using a segmentation model.
- Object bounding boxes are utilized to count the steel bars, and the real-time count is displayed on the screen.
- The Model is trained under varying lighting conditions
- Due to the limited Dataset, the new dataset was generally using Augmentation methods.



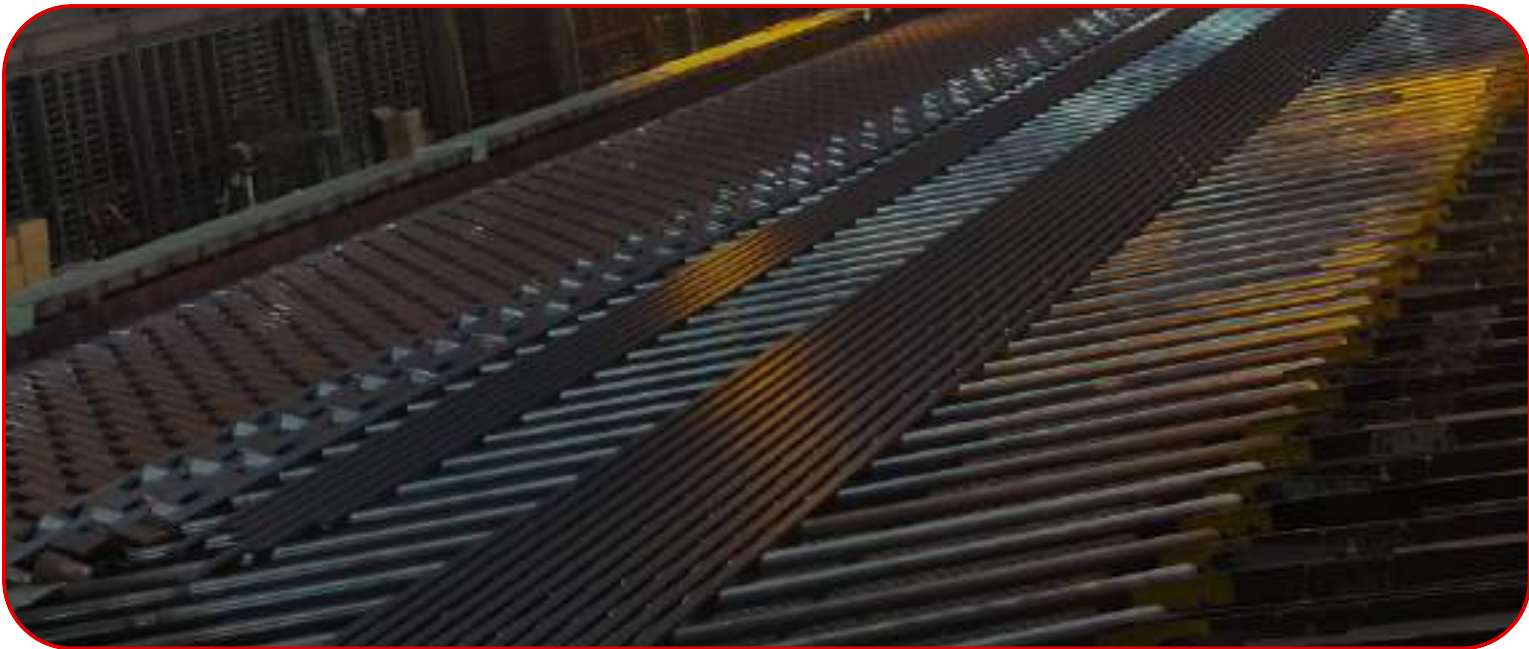
100%

Accuracy

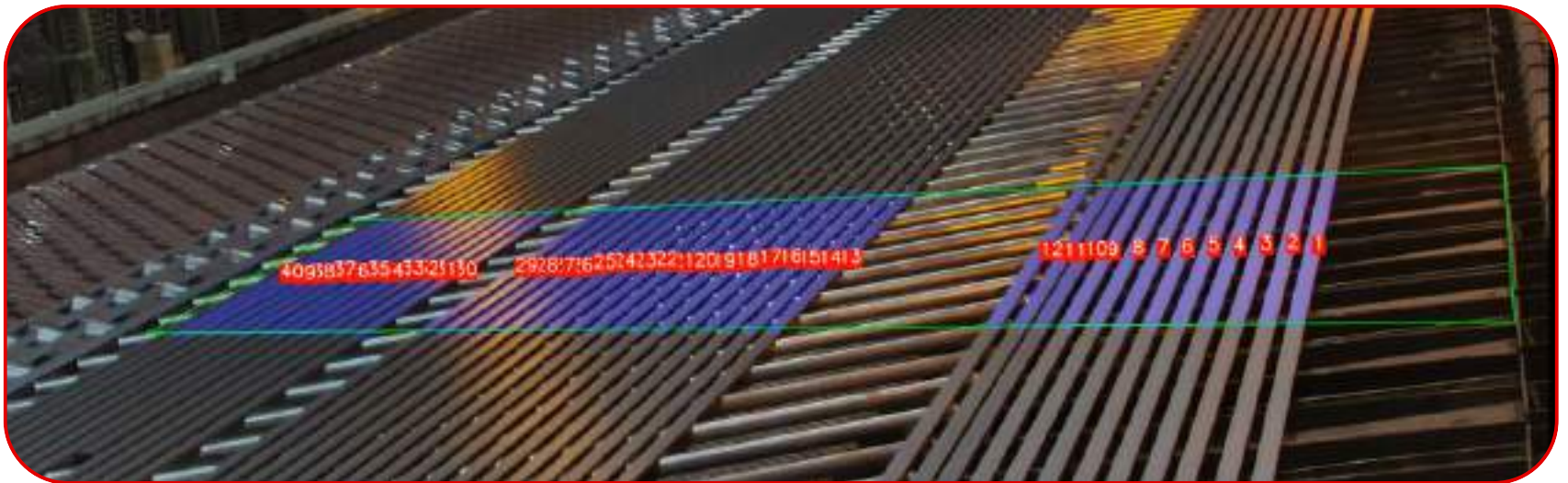
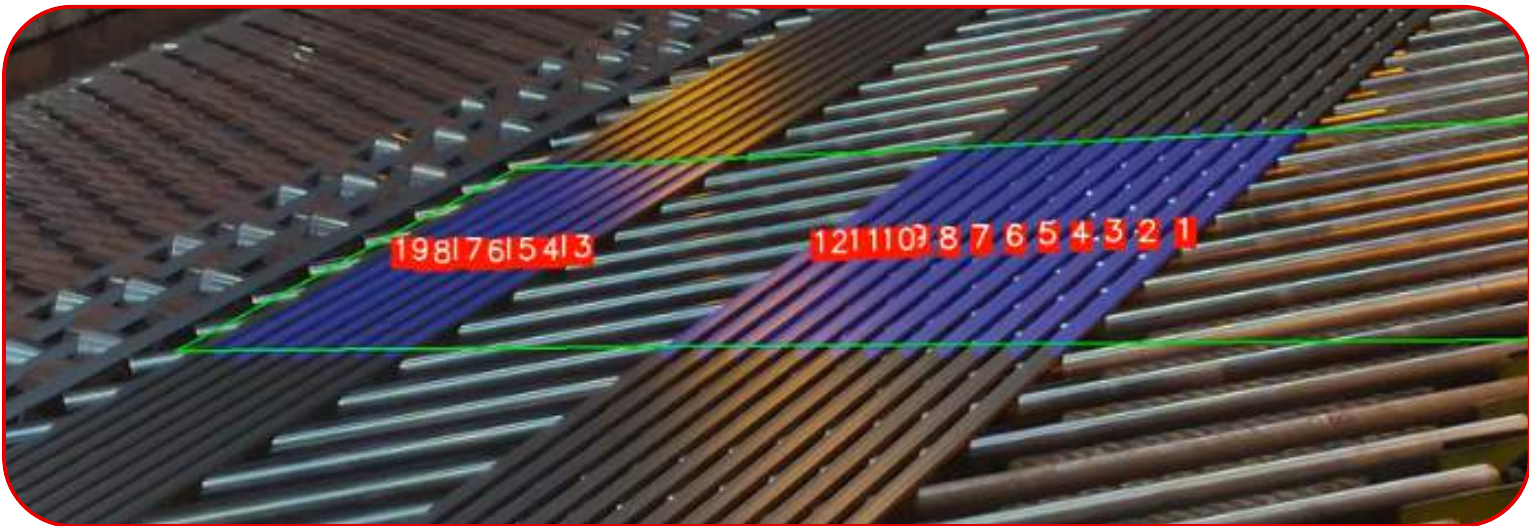
Model: Steel bar counting



Sample images



Model Output images



Model: Automatic Container Details Identification



Customer:

Logistics and Transportation Companies that handle from 100's to 1000's containers at their ports, warehouses, or Distribution Centers.



Project Details:

- **Duration:** 2 Months+
- **Technologies:** Machine learning, OCR, NLP, Python, Laravel, PostgreSQL

Problem:

- Manual data entry can be slower and inaccurate, causing delays especially in peak hours at gates leading to shipment delays.
- Wrong container details disrupt real-time inventory management & increase costs

Solution:

- We developed a Computer vision-based Container details identification solution that identifies the container info in real time.
- Created a solution that captures images automatically with OCR processing on the Container & license plate.
- Works on speedily moving containers.
- Ability to Manually Correct in the cases of missed or false detection.
- Captures Container number, ISO Code, Operational markings, CSC plates, IMDG Codes & other Certificates.
- Manage data and Access Reports on the Cloud.



99.7%

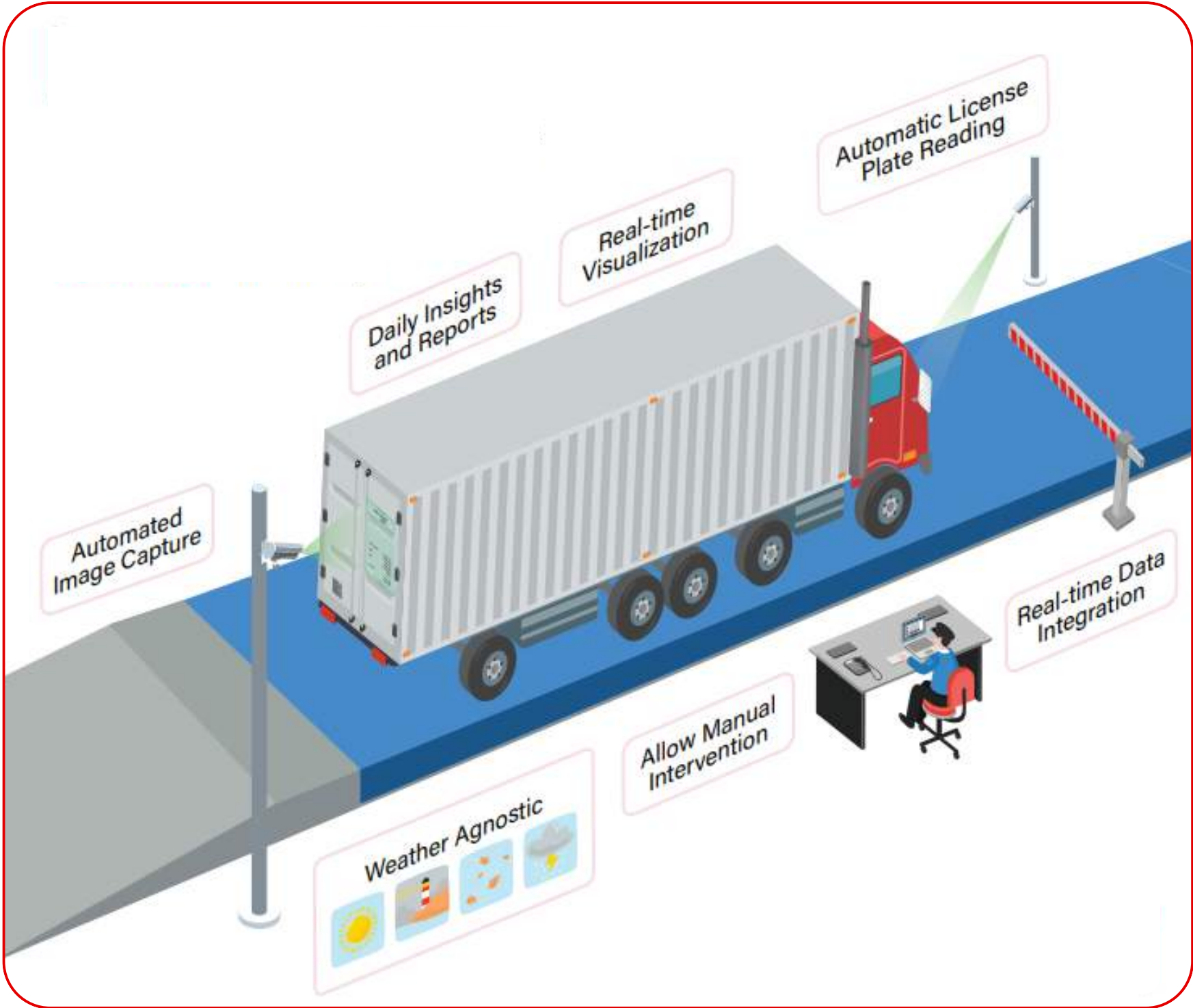
Accuracy

Model: Automatic Container Details Identification



Event Log

Sr.no	Container ID	ISO Code	Time	CSC Plate	Size	Hazardous
1	OCLU 102558 8	2201	11:30 AM	Present	20ft Dry	No
2	VSLU 145627 8	45G1	12:15 PM	Present	40ft HC	Yes
3	TGHU 759933 0	45G1	12:35 PM	Present	40ft Dry	No



Model: People Detection using Coral AI Edge TPU



Customer:

Safety & Security Solutions provider in Retail, Smart Surveillance, Healthcare, & Manufacturing sectors.



Project Details:

- **Duration:** 4+ Months
- **Technologies:** Coral AI Edge TPU, TensorFlow, Python, OpenCV

Problem:

- Real-time people detection for crowd management, security, and safety face the following problems.
- High Costs: Relying on cloud computing raises operational expenses.
- High Latency: Cloud-based solutions struggle with real-time results.
- Scalability Issues: Expensive, resource-intensive hardware limits for large-scale deployment.

Solution:

- We created a real-time people detection system, powered by Coral AI Edge TPU, which is a cost-effective hardware for Edge Computing:
- We created the model with super-fast detection having <20 ms latency per frame.
- Reduced operational costs through edge processing, minimizing bandwidth, and eliminating cloud storage fees and hence making it Cost Efficient.
- Optimized for low power consumption, ideal for portable and distributed deployments, hence Energy Efficient.



99.8%

Accuracy

<20 ms

Latency

Model: Tofu Counting



Customer:

One of Japan's leading Fried tofu manufacturer.



Project Details:

- **Duration:** 1 Month +
- **Technologies:** Deep Learning, OpenCV, Python, PyQt, MongoDB, Edge computing device



Problem:

- The tofu manufacturer faces challenges in accurately counting the fried tofus going into a single packaging.
- Manual counting is prone to errors due to fast-moving lines.
- It also fails to provide real-time insights and statistics on the efficiency of each line.

Solution:

- We have developed a desktop application that detects and counts fried tofu using a segmentation model.
- The real-time count is displayed on the screen for each pass.
- We also have provided easy way to export the daily reports.

99.56%

Accuracy

<1s

Detection &
Counting Speed

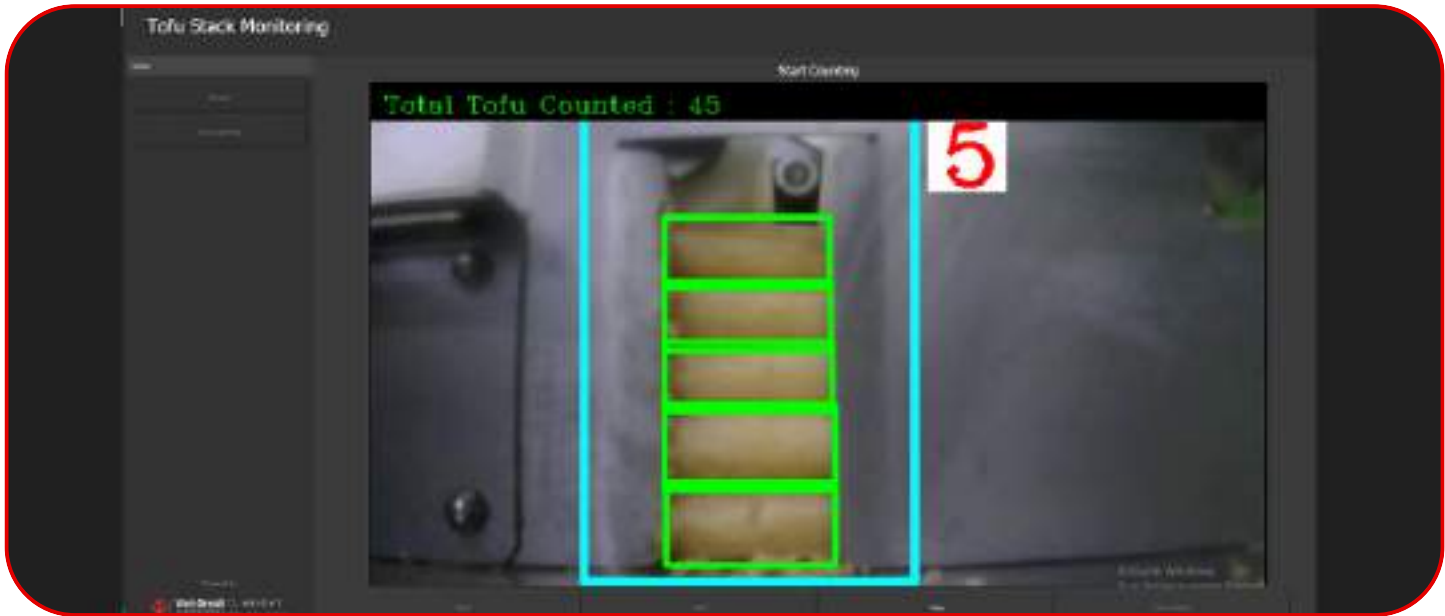
Model: Tofu Counting



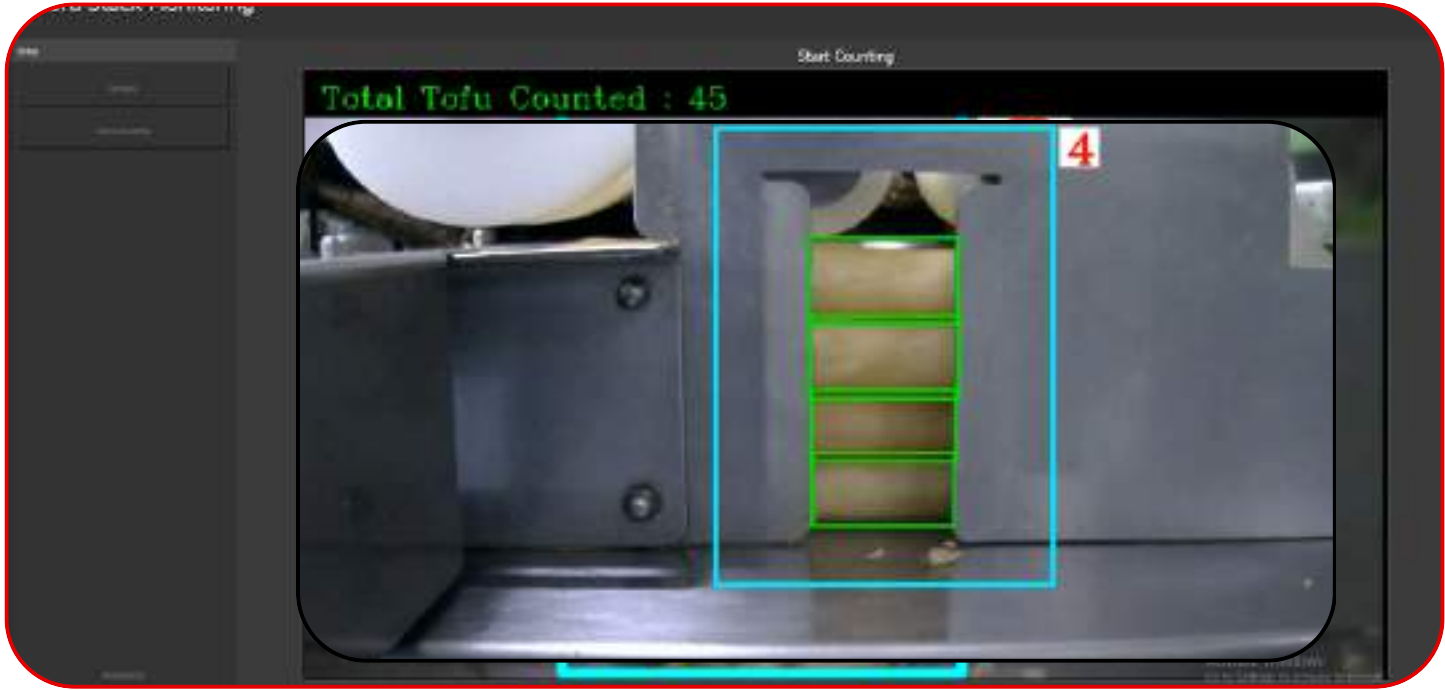
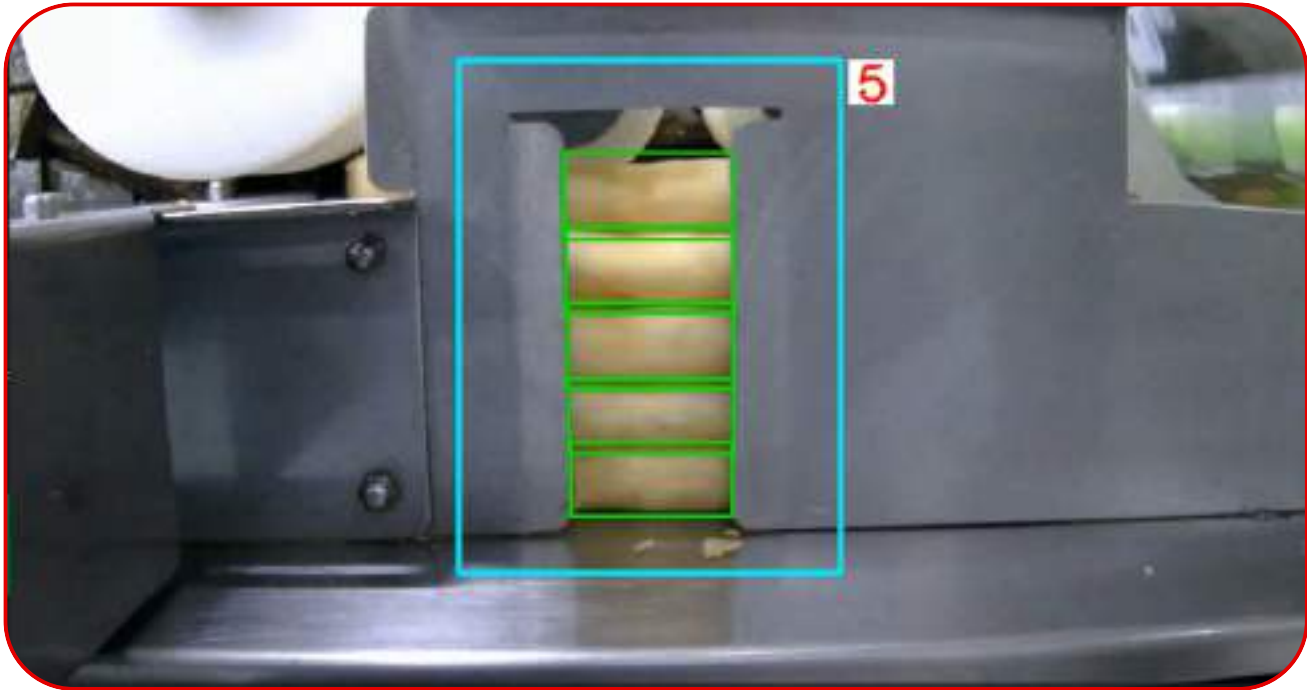
Sample image



Desktop Application images



Model Output images



Model: Camera Lens Status monitoring



Customer:

A CCTV Camera installer in India.



Project Details:

- **Duration:** 1 week
- **Technologies:** Machine learning, OpenCV, Python, Image Processing



Problem:

- Businesses/ Organisations/ Companies with outdoor cameras often struggle with whether their cameras are working properly or not in terms of visibility.
- Many problems can be noticed causing security gaps during:
- Connectivity failures
- Poor footage because of Environmental factors

Solution:

We built and trained this model using various techniques like Most Apparent Distortion (MAD) Calculation, Histogram Intensity Calculation, Edge Density Calculation, and more.

- The solution determines whether the camera visibility is Good or not.

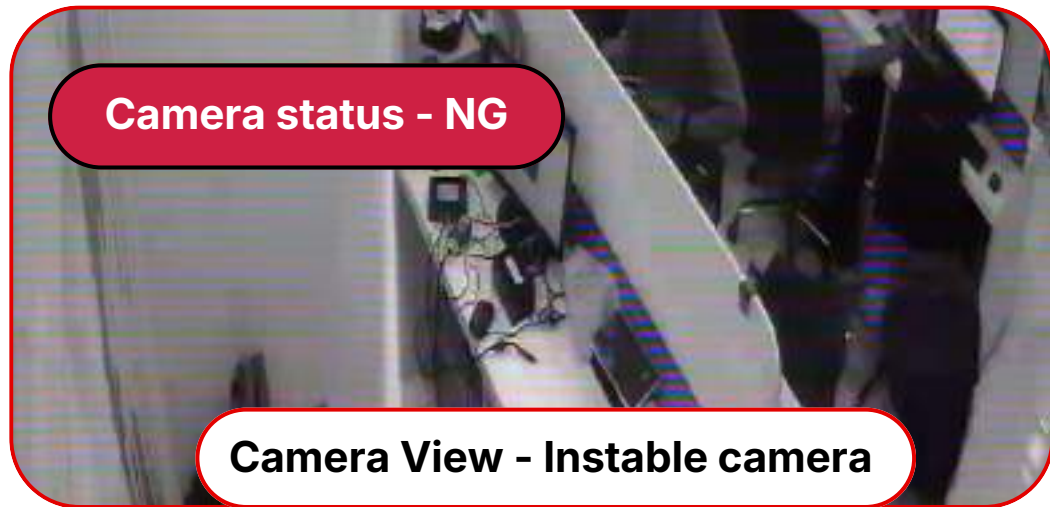
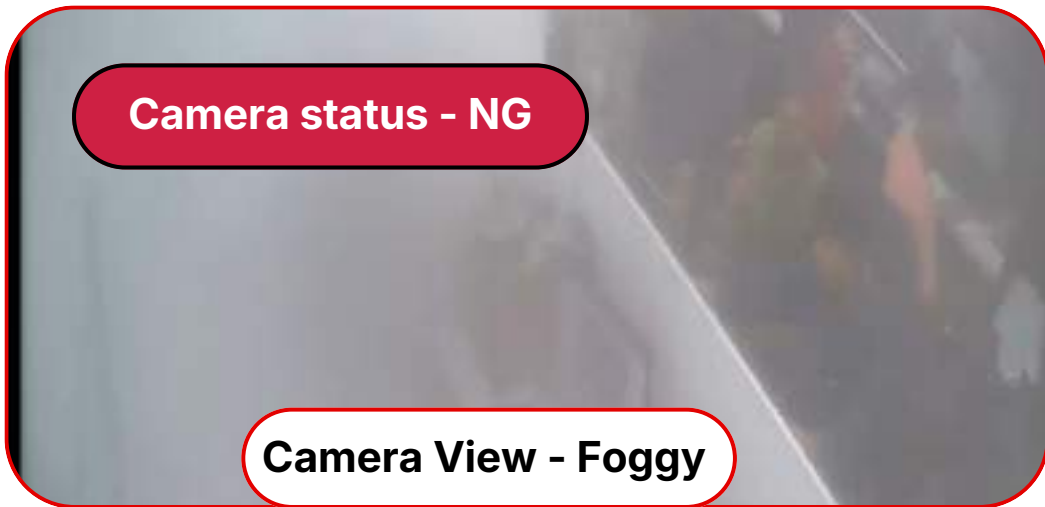
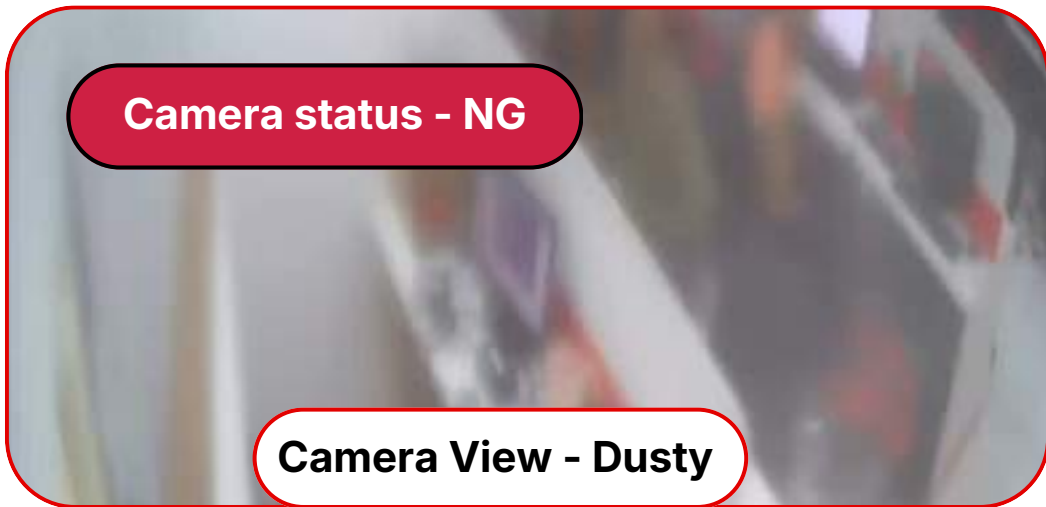
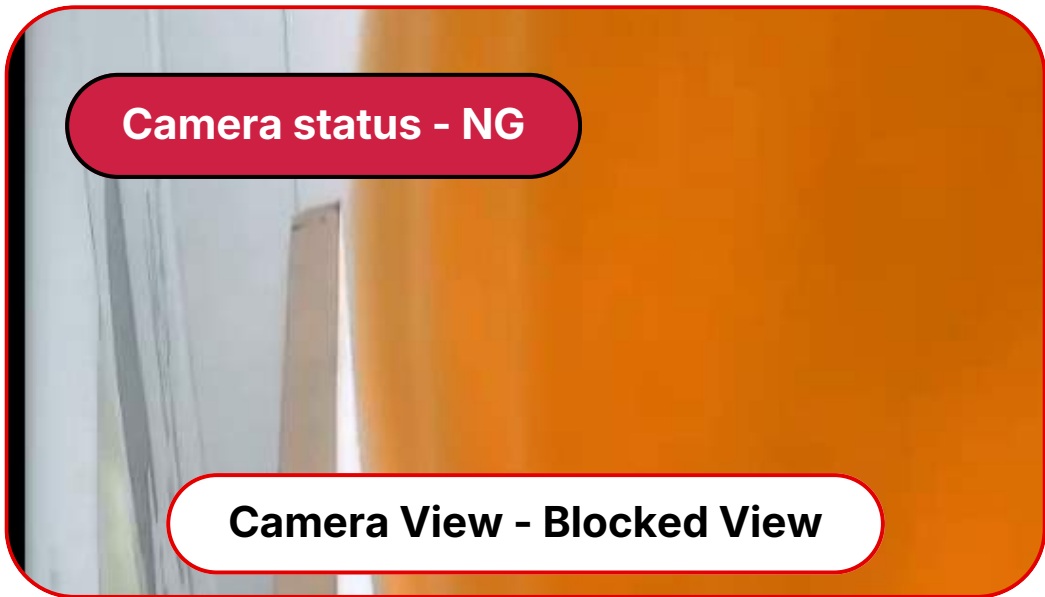
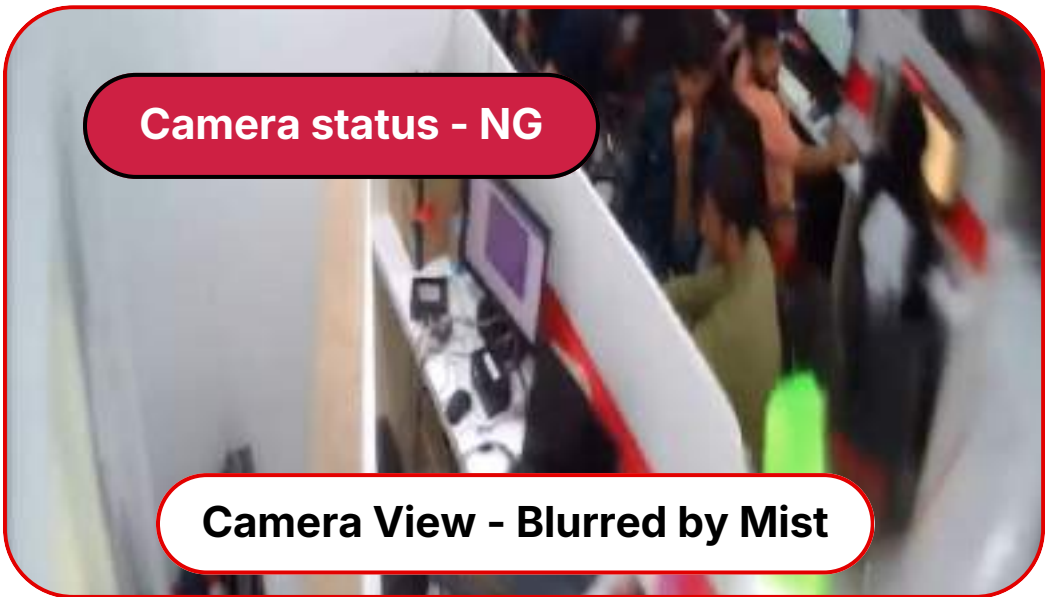
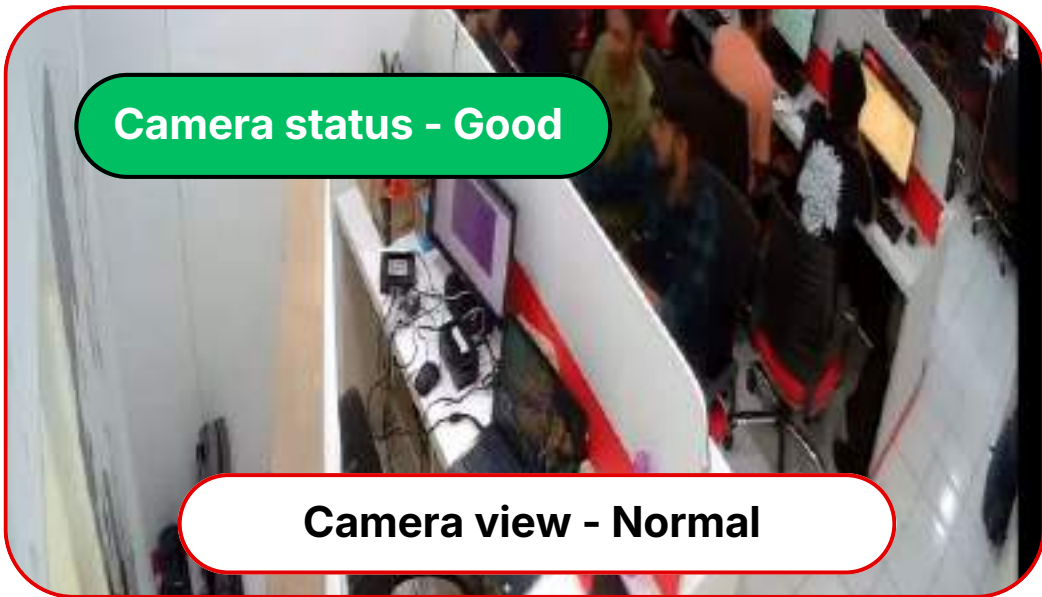
Despite of camera & weather conditions we triggered

Rain | Smoke | Dust

Model: Camera Lens Status monitoring



Camera status Sample images



Model: Car Parking Twin



Customer:

A Parking management company in USA handling more than 200+ Parking lots.



Project Details:

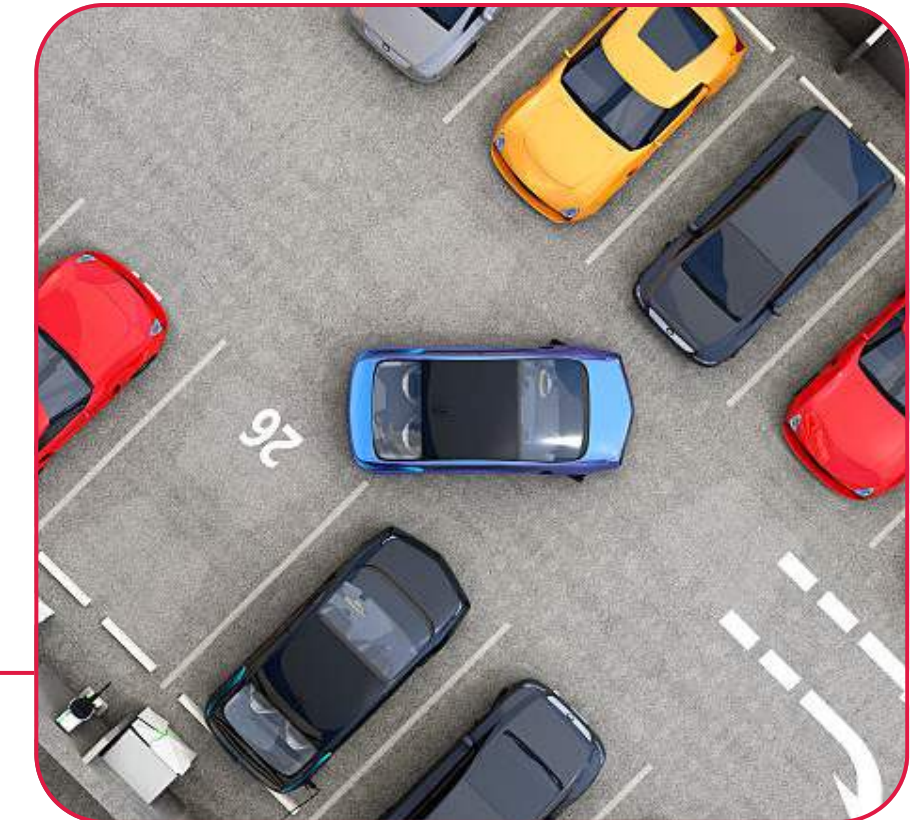
- **Duration:** 2 month+
- **Technologies:** Deep Learning, Node JS, MongoDB, PostgreSQL, RabbitMq, Redis,

Problem:

- Difficulty in finding available spots, especially during peak hours.
- Financial & Labour Overheads with Sensor-based solutions to detect the parking spot availability.
- Poor guidance to available spots within parking lots.
- Delays caused by vehicles searching for parking spaces.

Solution:

We developed a Car Parking Twin application using computer vision to monitor parking spaces in real-time. The solution detects and tracks each parking slot, identifying whether it is occupied or available.



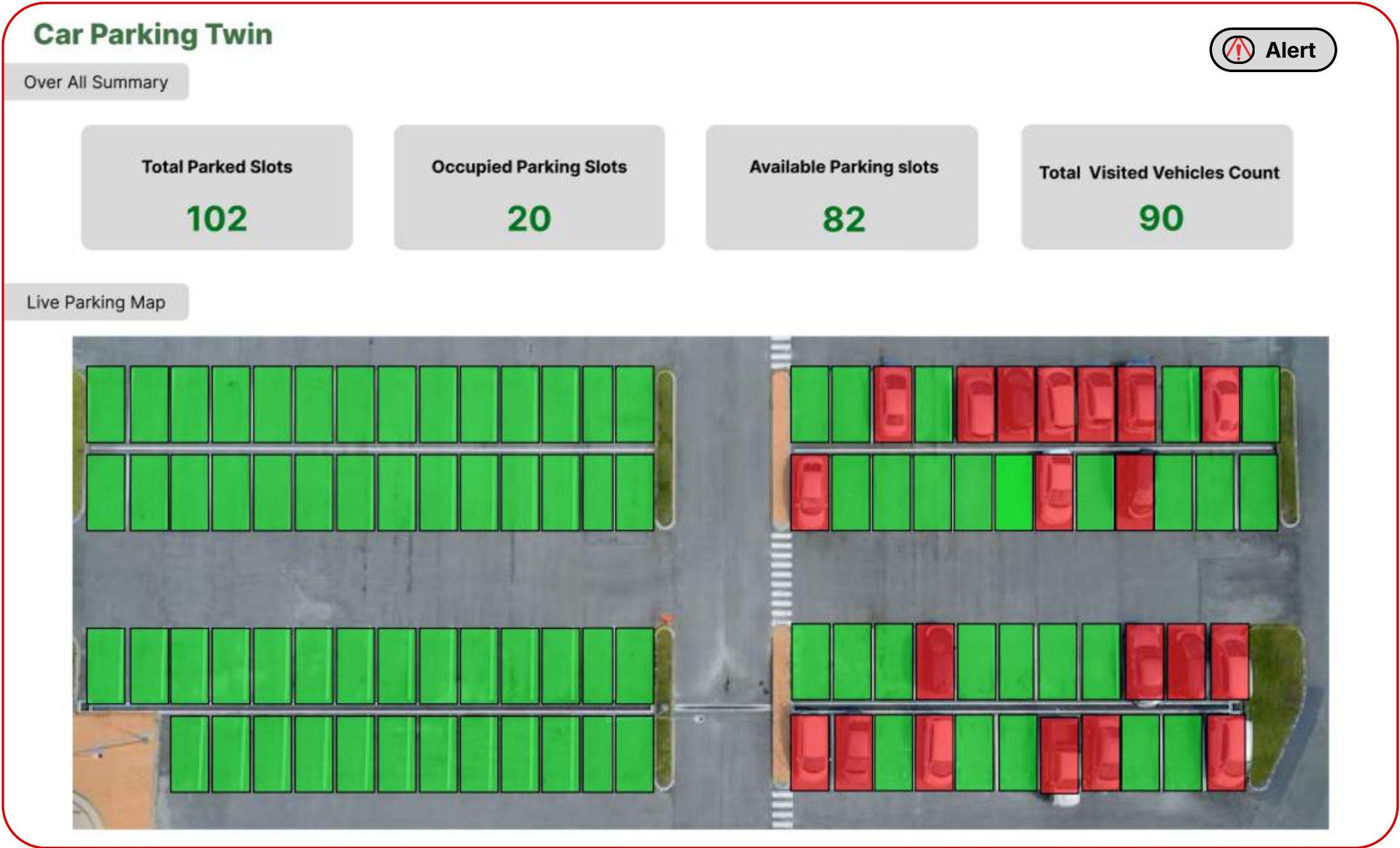
The dashboard provides:

- Real-time parking slot status
- Space optimisation chart
- Alerts for unauthorized parking or slot misuse.

Model: Car Parking Twin



Application Dashboard of the Car Parking Twin



Model: Boxes Sorting Efficiency Measurement



Customer:

A 3PL multi-chain Logistics company in the USA managing a high volume of packages for sorting and distribution



Project Details:

- **Duration:** 2+ months
- **Technologies:** Machine learning, OpenCV, SQLite, PyQt

Problem:

- There is **no data to calculate the efficiency** of the people at the conveyor belt who sort the items from the totes.
- **No real-time view** or historical count of the items sorted.
- Difficulty in **monitoring individual** worker's contribution

Solution:

We developed an application using Computer Vision by installing a fish-eye Camera (at the top) that provides:

- Automatically **counts the boxes** and items sorted
- Tracks the **worker's productivity** and overloaded stations
- **2D real-time visualization** of the stations and their status
- Efficiency measurements has also **reduced** the need for Human Supervision.



99.1%
Accuracy

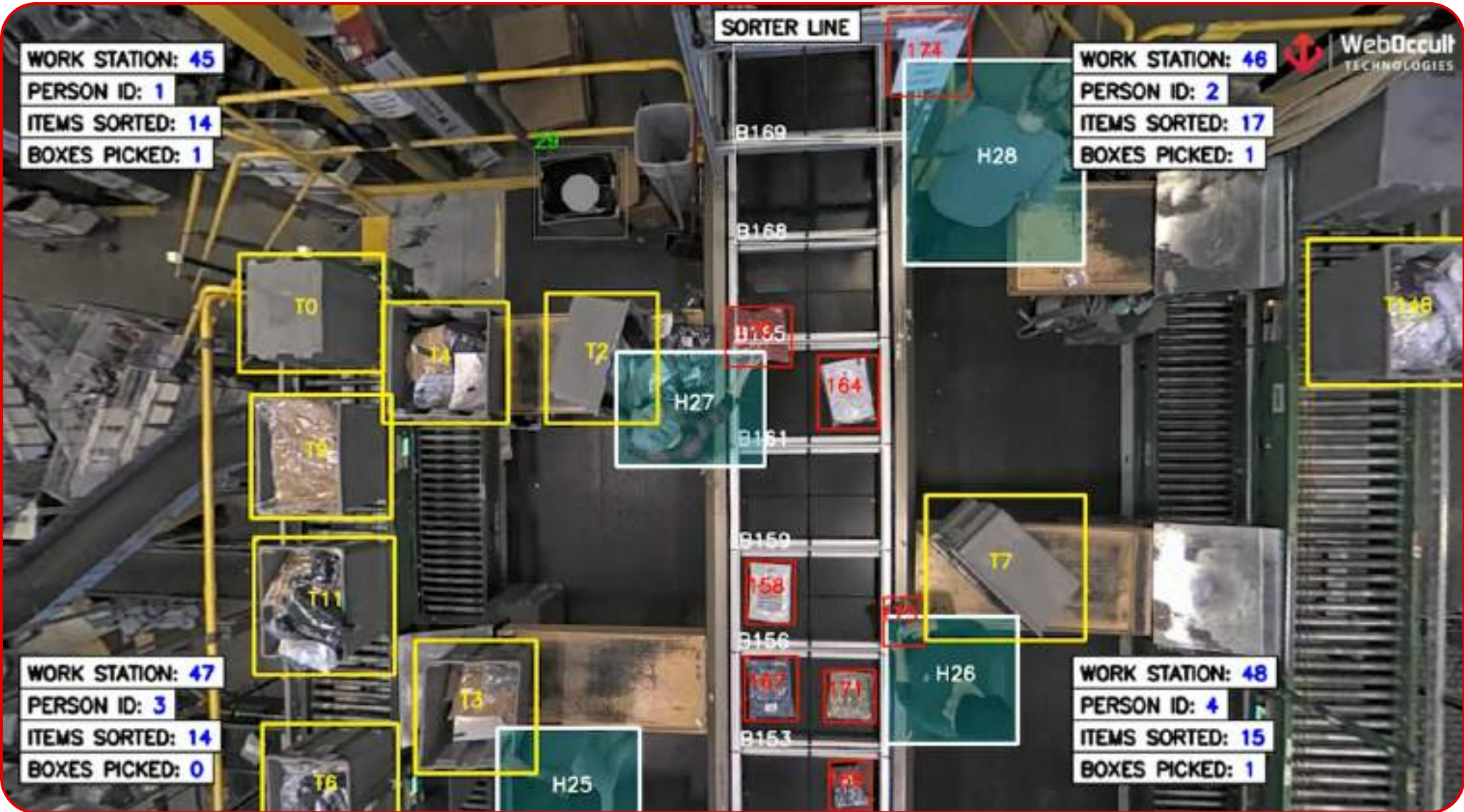
Model: Boxes Sorting Efficiency Measurement



Application Dashboard



Sample image from Real time box sorting at distribution



Model: Automated License Plate Recognition

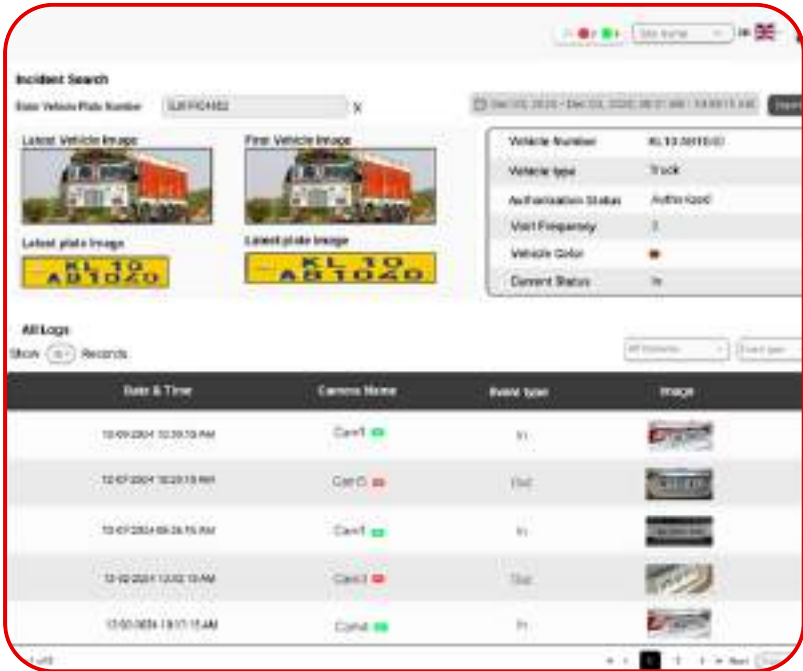


Sample Image

Detected Image

Application's Dashboard

Application Incident search



Application's Event Log



Model: Safety Line Monitoring & Overspeeding Detection



Customer:

A leading container depot in the USA dedicated to logistics and transportation operations.



Project Details:

- **Duration:** 2+ months
- **Technologies:** Deep Learning, Python

Problem:

Difficulty in accurately tracking truck movements and speed can lead to delays and mismanagement in logistics.

The main challenges are:

- Tracking **truck speed** accurately
- Detecting **unauthorized movement** in restricted areas
- Sending **alerts** on time.

Solution:

- We developed an application with computer vision in it to **track vehicles** on-site in real time.
- The application detects the and **measure the speed** of the vehicle.
- Identifies **unauthorized human movement** in restricted areas with quick alerts.
- Integrated **video recording** for alert events for review and verification.
- After multiple attempts and model training on diverse data, achieved **usable and trustable accuracy** for generating alerts.



99%
Accuracy

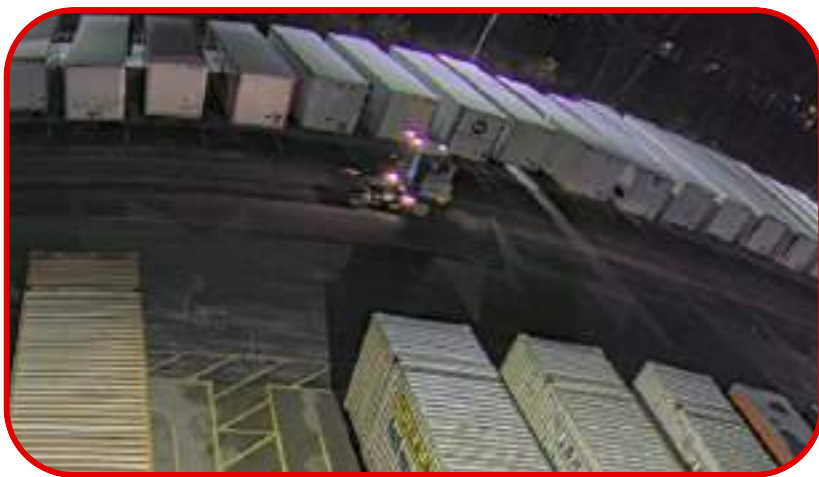
Model: Safety Line Monitoring & Overspeeding Detection



Vehicle Speed Event Log

Alert Created At	Vehicle Type	Alert Type	Trailer Number	Vehicle Speed & Speed Limit	Seen In Camera	Video Link	Action
01/07/2025 00:14:25	TK	Unsafe Vehicle Speed	MRKDC_0984_0907	22 MPH / 20 MPH	MRKDC_0984_0907		Acknowledge
01/07/2025 00:14:25	TK	Unsafe Vehicle Speed	MRKDC_0984_0907	22 MPH / 20 MPH	MRKDC_0984_0907		Acknowledge
01/07/2025 00:14:25	TK	Unsafe Vehicle Speed	MRKDC_0984_0907	22 MPH / 20 MPH	MRKDC_0984_0907		Acknowledge
01/07/2025 00:14:25	TK	Unsafe Vehicle Speed	MRKDC_0984_0907	22 MPH / 20 MPH	MRKDC_0984_0907		Acknowledge
01/07/2025 00:14:25	TK	Unsafe Vehicle Speed	MRKDC_0984_0907	22 MPH / 20 MPH	MRKDC_0984_0907		Acknowledge
01/07/2025 00:14:25	TK	Unsafe Vehicle Speed	MRKDC_0984_0907	22 MPH / 20 MPH	MRKDC_0984_0907		Acknowledge
01/07/2025 00:14:25	TK	Unsafe Vehicle Speed	MRKDC_0984_0907	22 MPH / 20 MPH	MRKDC_0984_0907		Acknowledge
01/07/2025 00:14:25	TK	Unsafe Vehicle Speed	MRKDC_0984_0907	22 MPH / 20 MPH	MRKDC_0984_0907		Acknowledge
01/07/2025 00:14:25	TK	Unsafe Vehicle Speed	MRKDC_0984_0907	22 MPH / 20 MPH	MRKDC_0984_0907		Acknowledge

Sample Image & Alert of Vehicle Speed



Sample Image & Alert of Employee in Unsafe Zone



Employee Alert Event Log

Alert Created At	Vehicle Type	Alert Type	Trailer Number	Vehicle Speed & Speed Limit	Seen In Camera	Video Link	Action
01/07/2025 00:14:25	TK	Unsafe Vehicle Speed	MRKDC_0984_0907	22 MPH / 20 MPH	MRKDC_0984_0907		Acknowledge
01/07/2025 00:14:25	TK	Unsafe Vehicle Speed	MRKDC_0984_0907	22 MPH / 20 MPH	MRKDC_0984_0907		Acknowledge
01/07/2025 00:14:25	TK	Unsafe Vehicle Speed	MRKDC_0984_0907	22 MPH / 20 MPH	MRKDC_0984_0907		Acknowledge
01/07/2025 00:14:25	TK	Unsafe Vehicle Speed	MRKDC_0984_0907	22 MPH / 20 MPH	MRKDC_0984_0907		Acknowledge
01/07/2025 00:14:25	TK	Unsafe Vehicle Speed	MRKDC_0984_0907	22 MPH / 20 MPH	MRKDC_0984_0907		Acknowledge
01/07/2025 00:14:25	TK	Unsafe Vehicle Speed	MRKDC_0984_0907	22 MPH / 20 MPH	MRKDC_0984_0907		Acknowledge
01/07/2025 00:14:25	TK	Unsafe Vehicle Speed	MRKDC_0984_0907	22 MPH / 20 MPH	MRKDC_0984_0907		Acknowledge
01/07/2025 00:14:25	TK	Unsafe Vehicle Speed	MRKDC_0984_0907	22 MPH / 20 MPH	MRKDC_0984_0907		Acknowledge
01/07/2025 00:14:25	TK	Unsafe Vehicle Speed	MRKDC_0984_0907	22 MPH / 20 MPH	MRKDC_0984_0907		Acknowledge

Alert Details

Alert Created At : 01/07/2025 00:14:25

Vehicle Type : TK

Alert Type : Unsafe Vehicle Speed

Trailer Number : -

Vehicle Speed & Speed Limit : 22 MPH / 20 MPH

Seen In Camera : MRKDC_0984_0907

Acknowledge

Alert Details

Alert Created At : 01/06/2025 21:27:42

Yard Number : 0894

Alert Type : Employee In Unsafe Zone

Severity : 1

Unsafe Zone : 0

Vest Color : -

Seen In Camera : MRKDC_0984_0908

Acknowledge

Model: Unique Person Counting in an Exhibition



Customer:

Event organizer in India who hosts International and National level Exhibitions throughout the year.



Project Details:

- **Duration:**
- **Technologies:** Deep learning, Node JS, MongoDB, Radis, RabbitMQ, AWS

Problem:

- There are no reliable ways to **track unique visitor counts** across multi-day events.
- **No live analytics** for organizers especially in the peak hours.
- Manual counting or ticket scanning methods can be slower and **labour expensive**.
- Current methods **lack comprehensive insights** into visitor analytics & engagement.

Solution:

- We developed a computer vision-based unique **person counting solution** that identifies & counts the unique people in real time at exhibitions or expos.
- The solution detects unique individuals based on the **facial recognition method**.
- The solution also detects their age, gender, and clothing color, with **real-time counts**.
- It can also show **visual insights** including peak hours analytics.
- Cloud access to **view logs and reports**.



99%
Accuracy

Model: Unique Person Counting in an Exhibition



Event Log

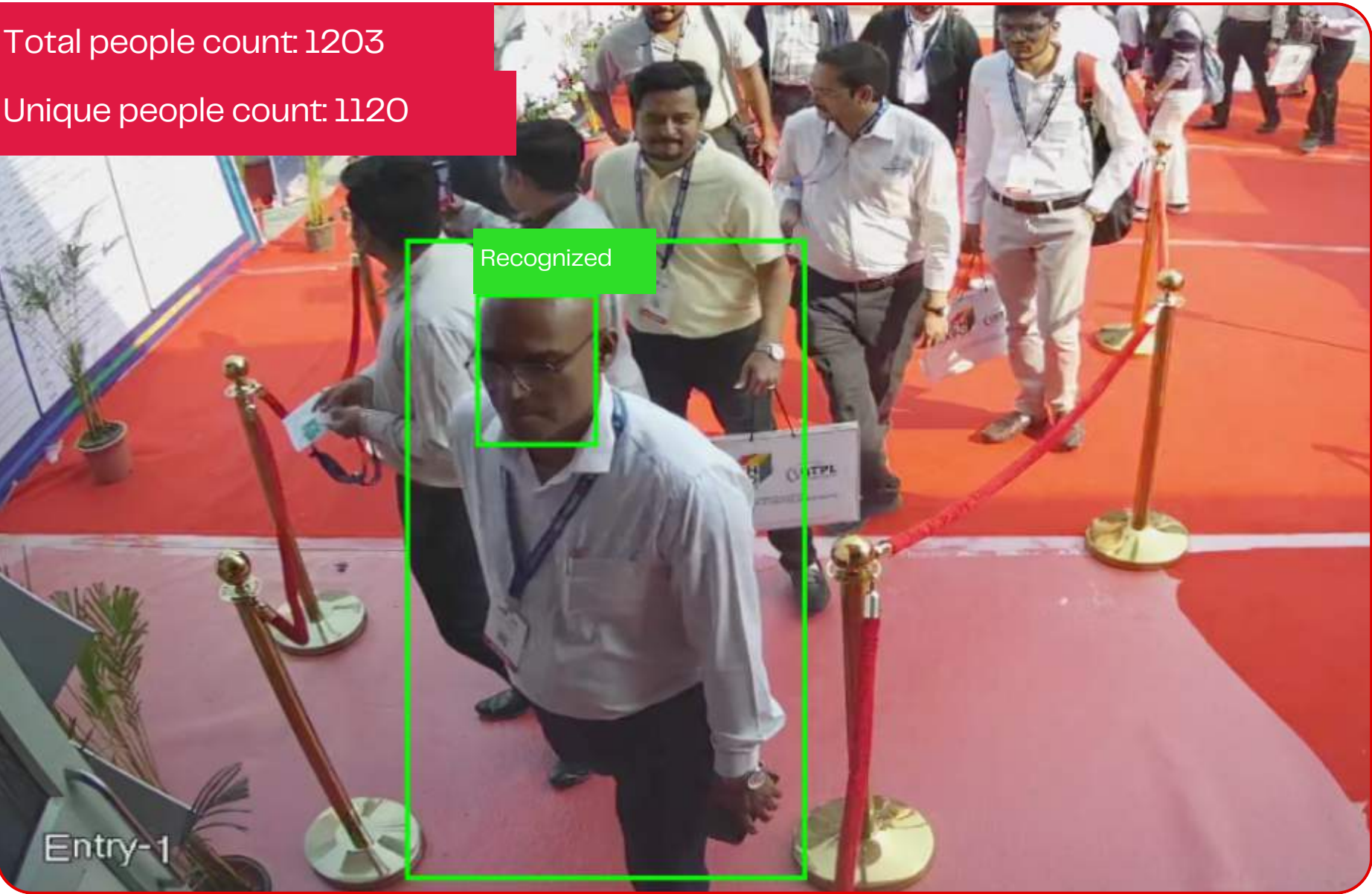
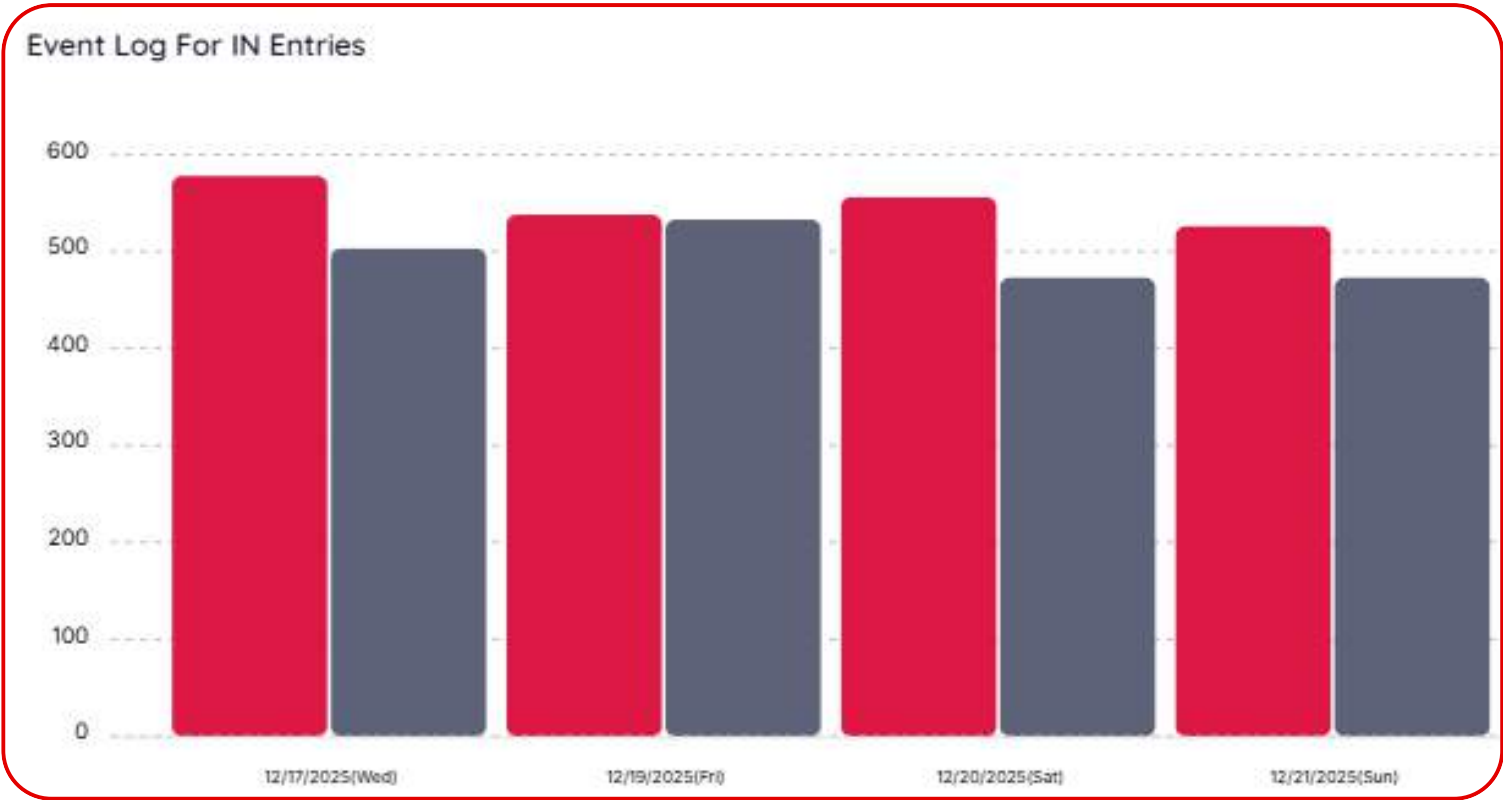


Image	Camera Name	People	Gender	Age	Cloth Color	Event Type	Event Time
	Entry Camera	-	Male	21-30		In	12/20/2024 15:11:04
	Entry Camera	57b29556-e319-4e19-90e7-63eed494a5cc	Male	31-40		In	12/20/2024 15:10:56
	Entry Camera	57c40305-8ec6-4215-a52f-472304c8994d	Female	21-30		In	12/20/2024 15:10:54
	Entry Camera	11bf048f-c309-4e6c-a3e1-aa0fb4a3b20f	Male	31-40		In	12/20/2024 15:10:45



Model: Bus People Counting



Customer:

Private & Public Bus
Transportation provider in
India.



Project Details:

- **Duration:**
- **Technologies:** Deep learning, Node JS, MongoDB, Redis, RabbitMQ, AWS

Problem:

- **Unreliable counting** of passengers through manual methods.
- No real time data to indicate **overcrowded buses** as per the bus capacity level.
- **Lack of real-time data** for locations with high passenger volumes getting in and out of bus is a challenge.

Solution:

- We developed a computer vision solution that **counts the people** getting in and out of the bus in real time.
- Knowing the bus capacity, we can get to know whether the bus is **overcrowded or not**.
- **Data logs with timestamps** give decisive insights on the frequency to keep for the bus.
- **Alerts are raised** if there are lower/higher counts during the journey, esp. when it is halted/stopped for refreshments.



100%
Accuracy

Model: Face Recognition Based Attendance System



Customer:

A leading insurance company in India looking to simplify its attendance system by using facial recognition.



Project Details:

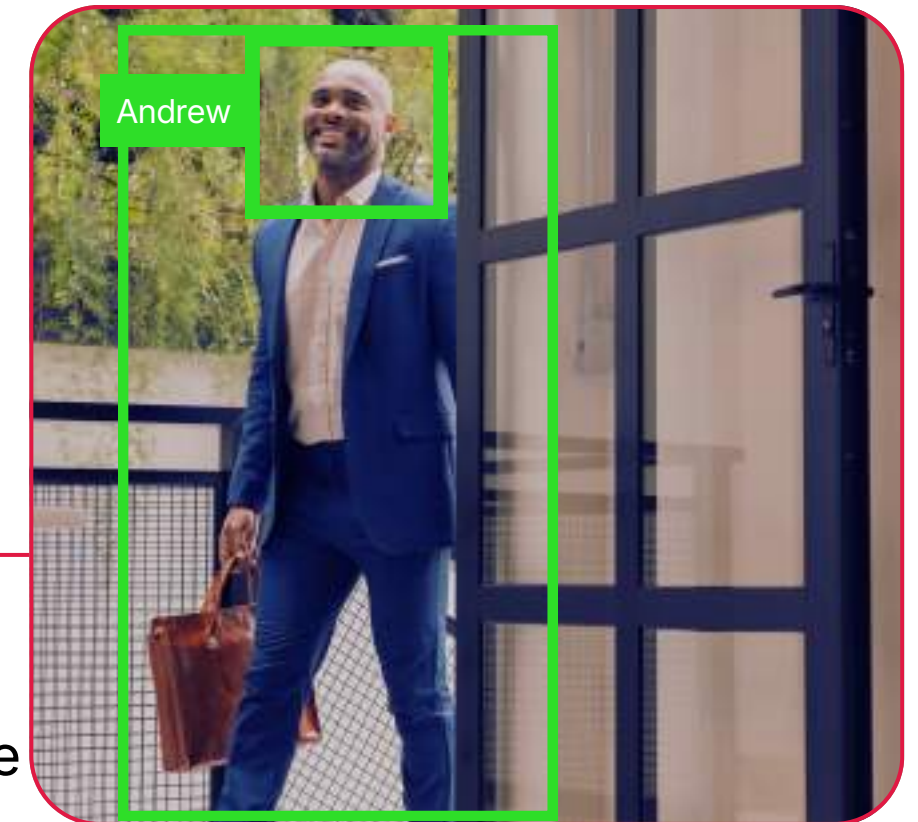
- **Duration:** 3+ Months
- **Technologies:**

Problem:

- Rise in Proxy attendance or buddy punching
- The inability to track attendance where there is a mixed frequency of visitors and employees.
- No notifications are generated on Unwanted Persons/employees entering the premises

Solution:

- We developed a Computer vision-based attendance system using face recognition for real-time attendance marking.
- Cameras have been placed in a way that we get the best lighting conditions and the optimal placement.
- The system logs in and out entries of an individual with timestamps for historical analysis and identifying attendance patterns & trends.
- We can customize alerts in case of absence or time violation.
- API endpoint integration with the Client's HRMS system.



99.99%
Accuracy

Model: Face Recognition Based Attendance System



Attendance Log

Image	Name	Latest Event Type	Latest Event Time
	Munanshu Koshli	IN	01/08/2025 15:47:40
	Abhishek Pendse	IN	01/08/2025 15:16:04
	Pawan Pawar	IN	01/08/2025 15:14:36
	Bhavik Trivedi	IN	01/08/2025 15:13:24

Personal Attendance Log

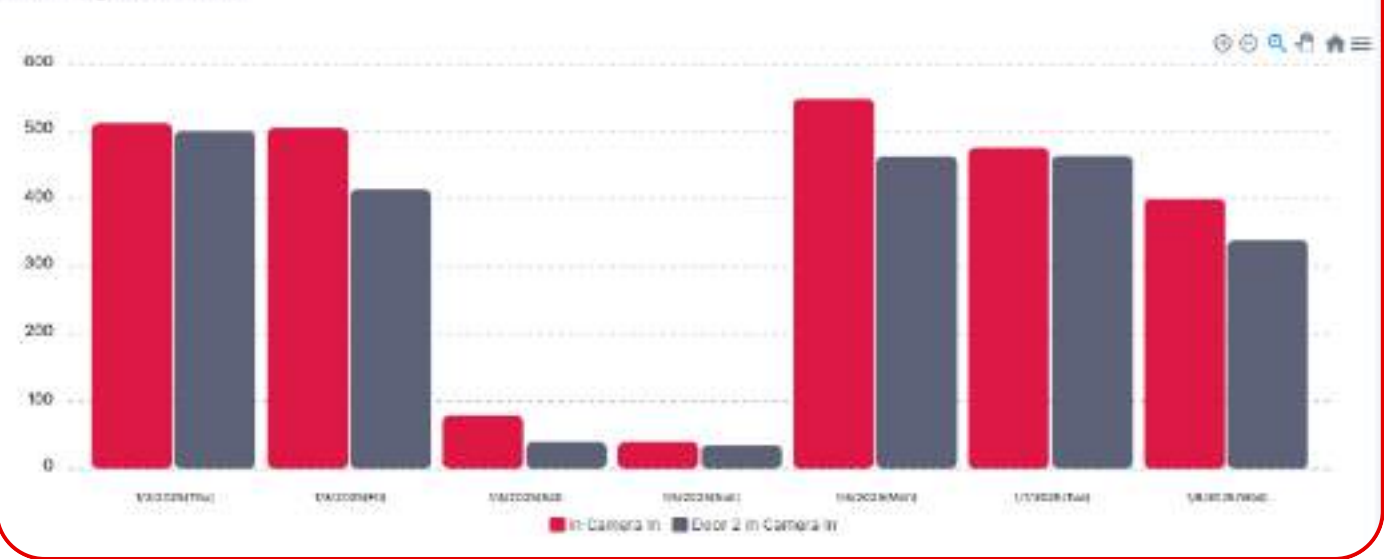
Person Information		
	Shatayu Mr. Dave	
	Latest Event Type	Latest Event Time
	OUT	01/09/2025 17:50:21
Person Image	Event Type	Event Time
	OUT	01/09/2025 17:50:21
	IN	01/09/2025 15:49:38

Event Log

Show 10 records Search:

Image	Camera Name	People	Event Type	Event Time
	Door 2 In Camera	-	In	01/08/2025 16:06:53
	In Camera	-	In	01/08/2025 16:05:15
	Door 2 In Camera	-	In	01/08/2025 16:04:57

Event Log For IN Entries



Model: Excavator Machine Efficiency at Mining Site



Customer:

Global manufacturer of mining equipment and wear-resistant products in Australia.



Project Details:

- **Duration:** 4 Months
- **Technologies:** Deep learning, PyQt, MongoDB, OpenCV

Problem:

- The inability to monitor machine idle time results in delays in mining operations
- Lack of meaningful data to identify excavator's trends and inefficiencies caused by to Partial (non-optimised) filling and dumping process.
- Get Insights on the conditions of the Teeth and Shrouds.

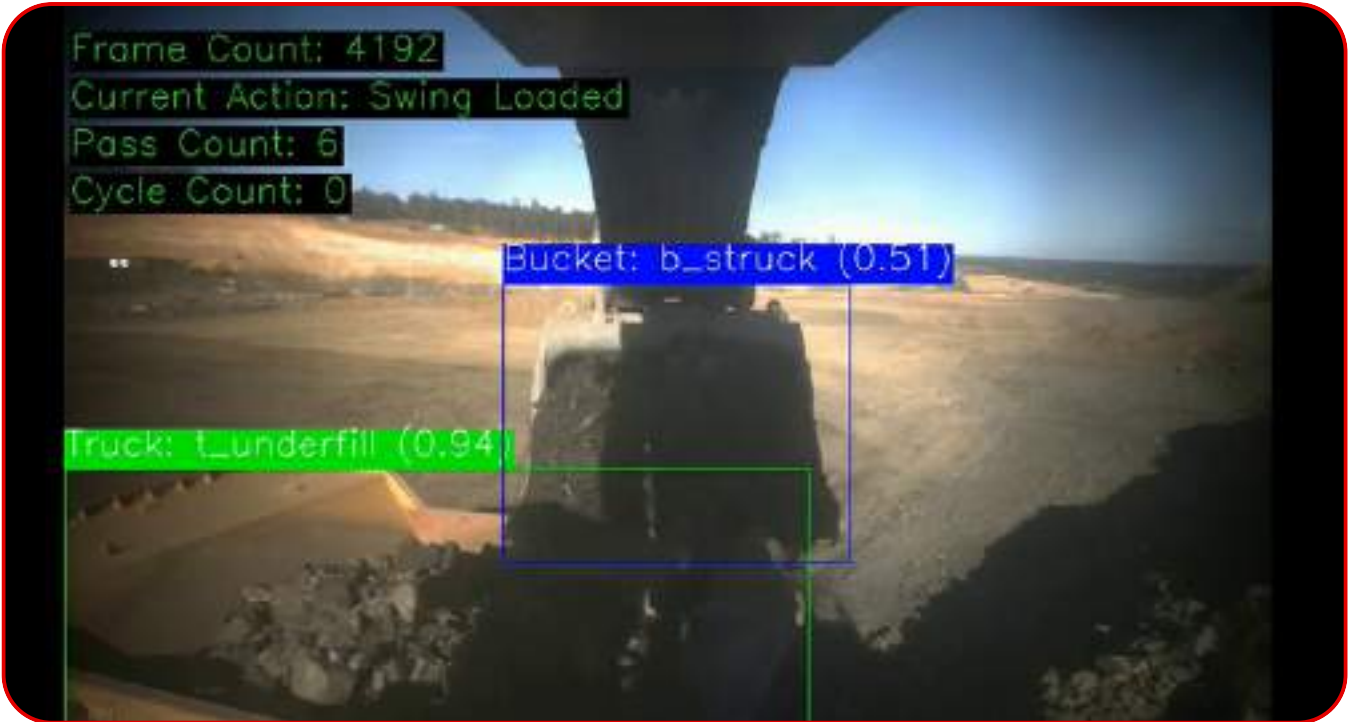
Solution:

- We developed a computer vision-based desktop application to analyze excavator's mining footage.
- The camera was mounted on the excavator's arm to clear the vision of the bucket.
- The Desktop application run the recorded videos from the camera.
- From the video, we calculate the critical insights like pass & cycle counts, bucket & truck fill levels, idle times, and other key metrics.
- Along with Insights, we generate the graphs for better understanding of the trends and analytics.



15% ↑
Productivity

Model: Excavator Machine Efficiency at Mining Site



Reports & analysis

Logs					
Date & Time: 11/15 12:00 AM - 11/15 01:00 PM		Length of Video		Search	
Date & Time	Video Name	Length	Processing Status	Result Video	Report Generated
2024-09-24 10:45 PM	Site1_Aus_01.mp4	01:45:17	45%		
2024-09-23 02:30 PM	SampleVideo1.mp4	01:45:17	100%		
2024-09-23 01:30 PM	SampleVideo2.mp4	01:45:17	100%		
Showing 1 to 3 of 3 entries					
Page No. <input type="text"/>					

Metrics Selection

Processing Stats		
Today		
Videos Processed	Reports Exported	Longest Video
5	3	4h 15min
Over all		
Total Videos Processed	Total Hrs Processed	Avg Video Length
235	723 hr	3h 45min
Frequently Used Metric	Total Report Exported	Common Video Format
Idle Time	212	.mp4

Select Video

Site1_Aus_01.mp4

Select Metrics

- All ☐
- No. of Tracks / Cycle ☒
- Cycle Time ☐
- Passes per Cycle ☒
- Idle Time ☐
- Track Fill level ☐
- Bucket Fill level ☐

Save Result Video

☒ Save Result Analyzed Video ?

Select Path

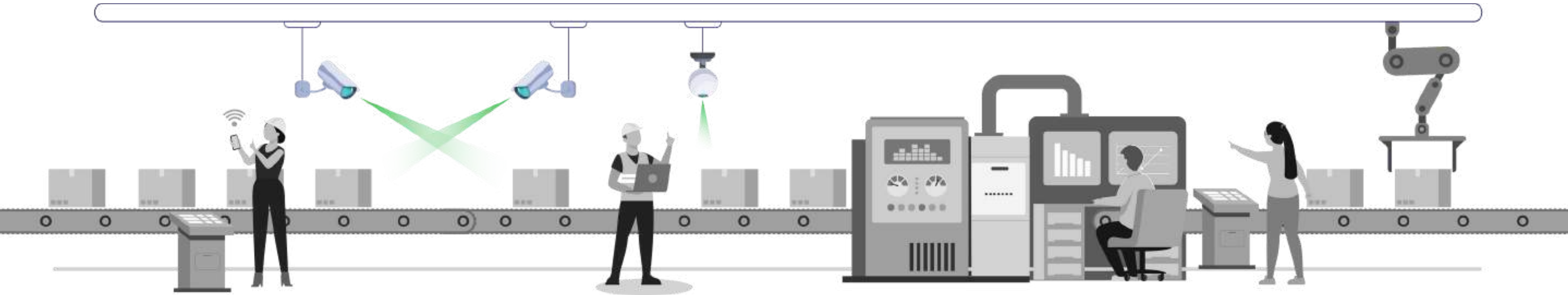
Execute

Back



Artificial Intelligence

LLM's & Chatbots



Model: Bot Companion - Laundry Business



Customer:

Individuals who are working as sales professionals in the laundry industry.



Project Details:

- **Duration:** 1.5 Months
- **Technologies:**



Problem:

- Field sales representatives and salespeople often lack access to latest and detailed product information due to frequent changes in product specifications.
- Struggle to retrieve accurate product information during client meetings.
- Unable to provide timely responses to client inquiries.
- May provide incorrect product specifications.

Solution:

- We created the Laundromat Bot, an AI-powered chatbot tailored to address sales challenges in the laundry industry.
- This bot is trained based on the Domain Knowledge of the Laundry business.
- We also used the Machine Catalogue data and manual as a knowledge Source

30% ↑

More client handled

60% ↓

Response time to customers

Model: Chatbot for elderly people



Customer:

With Japan's rapidly aging population, the elderly individuals in Japan will be the potential customers who often experience loneliness and social isolation due to their age.



Project Details:

- **Duration:**
- **Technologies:**



Problem:

- Many elderly people in Japan face loneliness and declining mental health.
- They may not have family or friends nearby to talk to, which makes them feel isolated and sad.

Solution:

We created a chatbot "Carbot" with computer vision and language models to understand users' emotions, and creates a human-like connection.

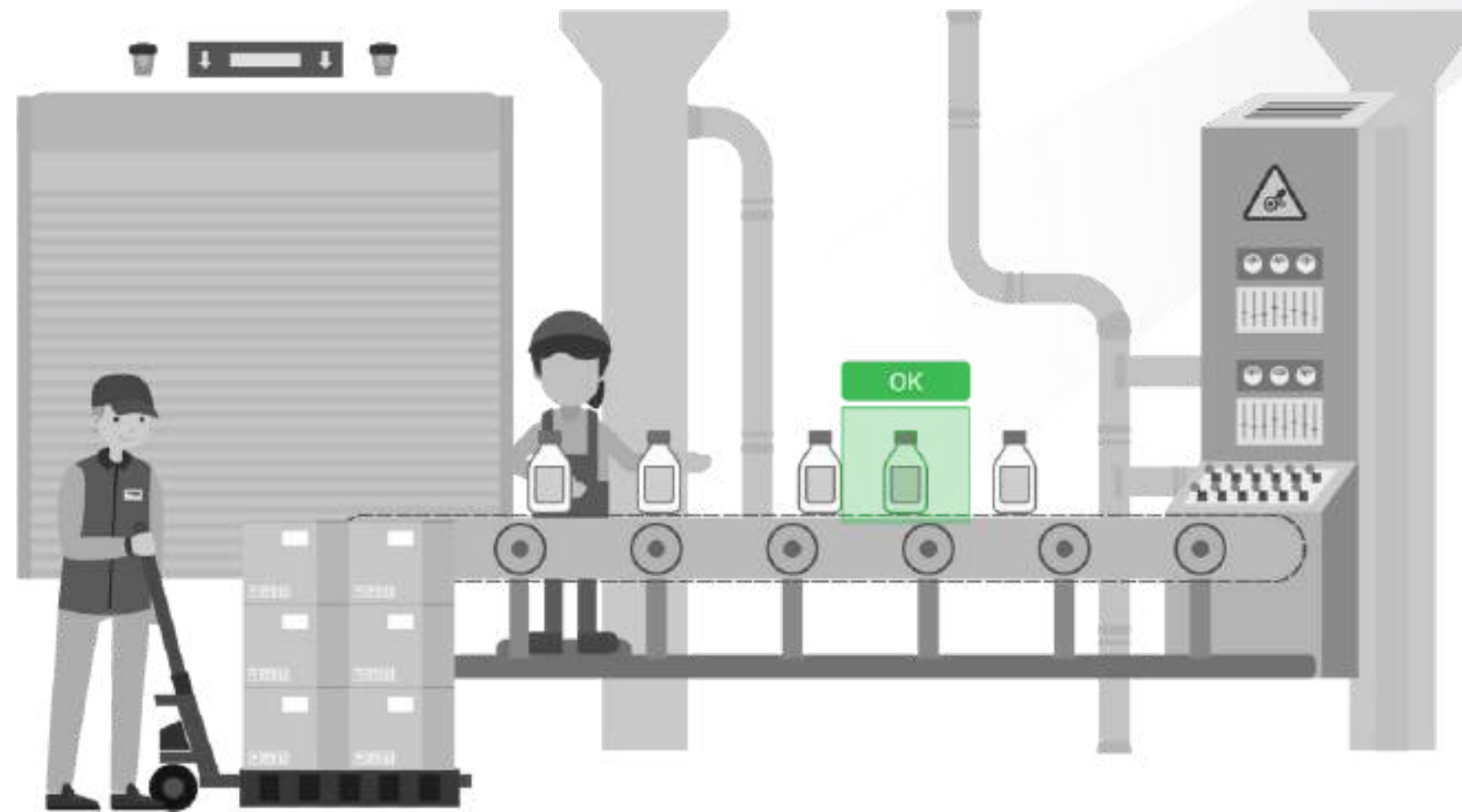
- Uses a camera to monitor the person's facial expressions to detect emotions and feelings.
- Sends emotions and context to the language model.
- The LLM then creates an empathetic response.
- Communicates with users in a natural voice.
- Adapts conversations based on emotions.

"Carbot" is a chatbot that communicates with empathy



Artificial Intelligence

Data Science & Analytics



Model: Surface Data Visualisation



Customer:

This is an Industrial Automation and Robotics Solutions provider company, especially in the manufacturing sector in the market of UAE and the Middle East.



Project Details:

- **Duration:** 2+ Months
- **Technologies Used:** Python, MSSQL, Plotly, PyQt



Problem:

- **Manually inspecting** surface pits is highly complex.
- Additionally, visualizing and analyzing sensor data of the Surface Pit coming from the Laser hardware is challenging to interpret as we get **1000 readings for small area**.

Solution:

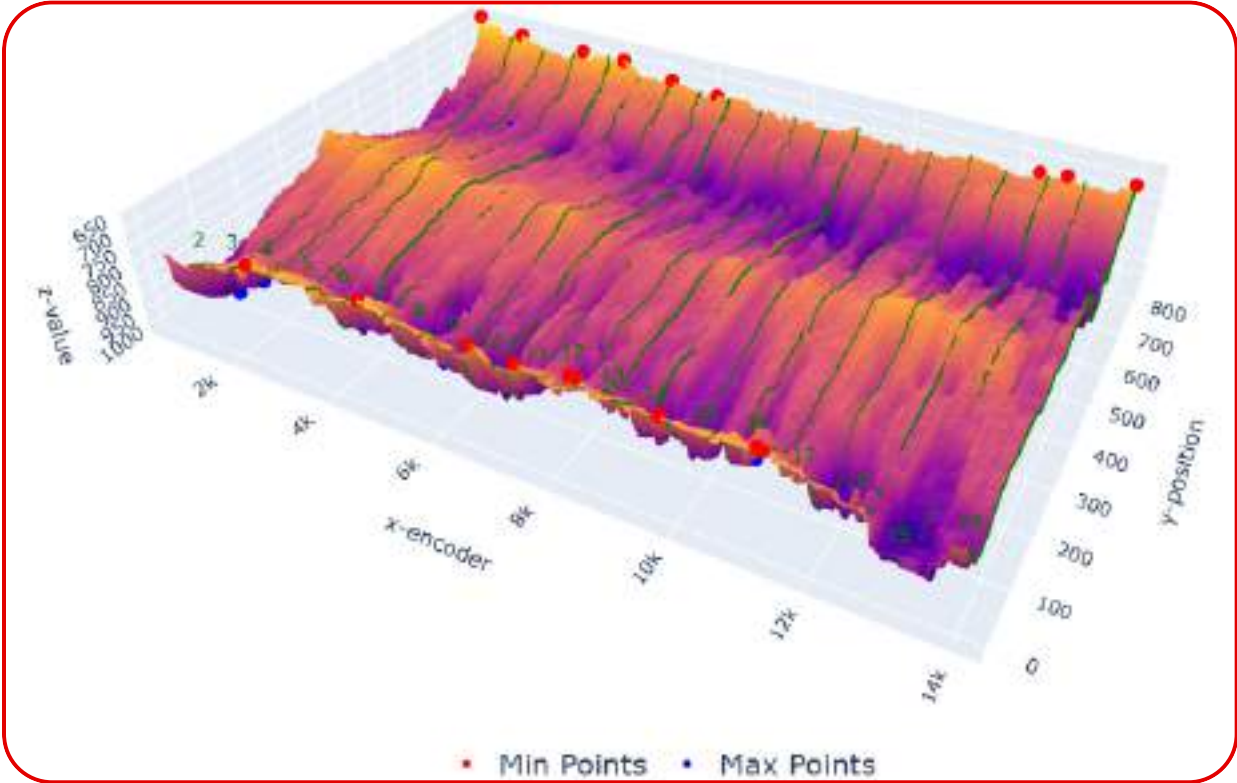
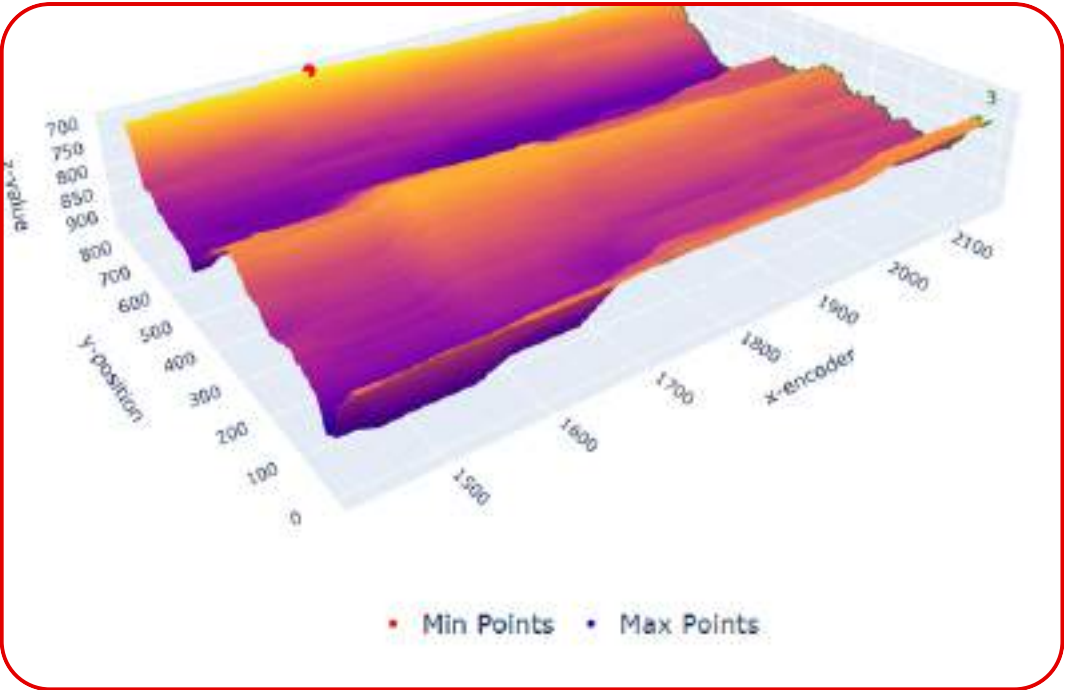
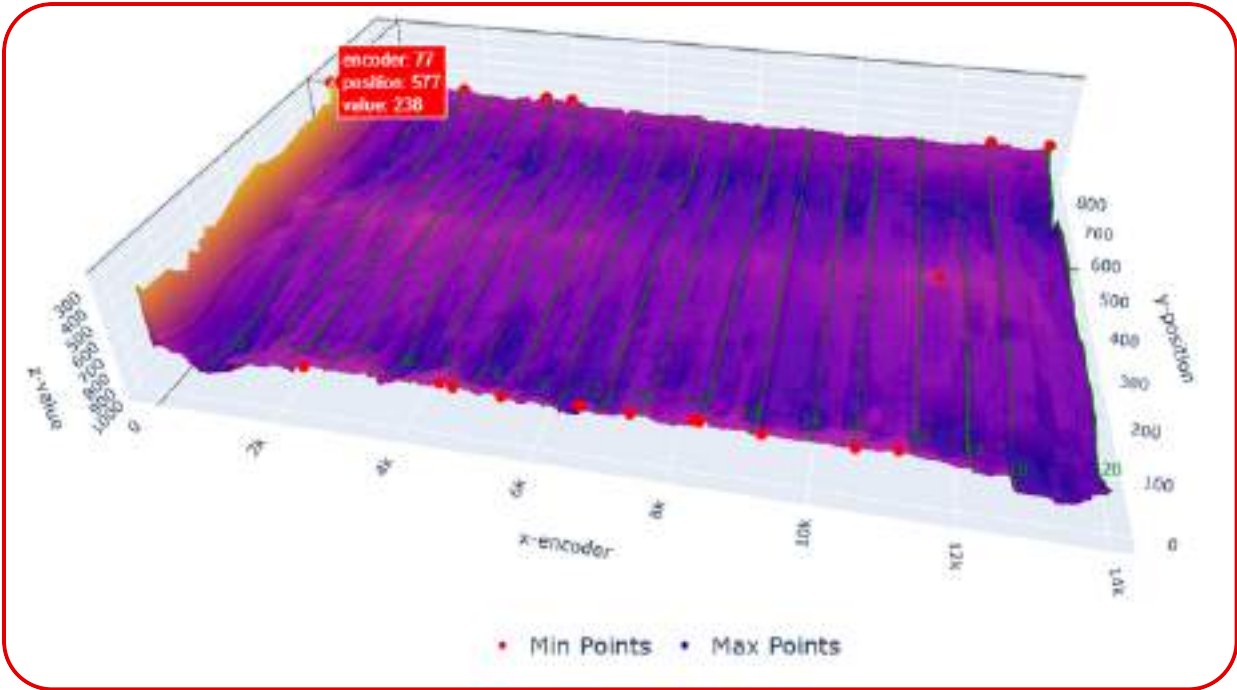
We developed a desktop application for 3D surface visualization and data analysis with:

- 3D Graph Rendering from surface point data.
- Highlights deepest (red) and least deep (blue) points in each of the 20 cathodes.
- Enables visualization of data for specific batches.
- Allows selection of individual or multiple cathodes for detailed exploration.

CSV Report

- Deepest points in each cathode.
- Average depth, standard deviation, etc.

Model: Surface Data Visualisation



Generated
CSV Report

CELL CAVITY MEASUREMENT REPORT						
Line		Batch ID	B065-2		Start Date	2024-02-29
Cell					End Date	2024-03-15
Shell No.				Cathode ID		
Block Supplier				Reason for cutout		
Block Grade				Age		
Lining Design				Carbon Height		
Original Cavity Depth				Carbon length		
Block Nos	Measurement from Top of the deck plate (m)					
	Upstream (0m - 1.33m)		Center (1.34m - 2.66m)		Downstream (2.67m - 4m)	
	US	DPP	CC	DPP	DS	DPP
1	718.1581	792	739.773	806	743.31501	833
2	766.7331	816	781.0283	824	802.13965	872
3	762.5889	815	778.029	816	808.84933	870
4	763.8929	818	772.0646	848	806.80419	881
5	766.6638	848	783.5751	813	805.08788	856
6	775.8976	848	792.464	821	822.26391	908
7	772.3556	837	789.2032	838	815.35856	868
8	777.9126	819	786.157	839	825.93309	892
9	771.4464	811	790.7721	832	818.87336	916
10	776.3052	814	797.2615	831	819.85637	865
11	-1.27E+09	803	-1.27E+09	827	-1272582571	843
12	784.9762	839	800.3397	834	823.17072	892
13	783.7028	835	796.3228	834	833.32776	895
14	782.3811	843	791.9554	902	819.22607	931
15	783.8323	834	799.8888	833	820.30121	877
16	776.3347	822	792.2702	825	816.91053	872
17	774.5484	820	789.1062	831	815.48201	856
18	782.4655	833	787.3348	832	818.61556	870
19	778.4693	833	792.0534	833	807.42745	874
20	787.6403	825	806.5924	861	813.16565	889
AVG	-63628395	825.25	-63628381	834	-63628356.7	878
SD	2.77E+08	14.52541	2.77E+08	19.44994	277353118	23.0954541
MIN	-1.27E+09	792	-1.27E+09	806	-1272582571	833
MAX	787.6403	848	806.5924	902	833.32776	931

Model: Smart AI-Driven Soil Moisture and Irrigation System



Customer:

Horticulturist in the USA who owns multiple green houses and nurseries.



Project Details:

- **Duration:** 6+ Months
- **Technologies:** ML algorithms, IoT sensors, Weather API, Python, TensorFlow, Mobile App Development (Flutter), Cloud Integration (AWS)



Problem:

Traditional irrigation often leads to:

- **Inefficiency:** Over/under-watering, water waste, high costs.
- **Environmental Impact:** Inefficient water usage.
- **Inflexibility:** Difficulty adapting to changing weather or plant needs.

Solution:

We developed an AI-powered irrigation system:

- Real-time data on moisture levels.
- Uses AI algorithms, sensors, and weather data to create optimal watering schedules.
- Ensures precise amounts of water delivery.
- Adjusts or skips watering based on rainfall forecasts.
- Customizes watering schedules for every plant.
- Monitoring and adjustments via a mobile app.

30%

Optimized
irrigation



15%

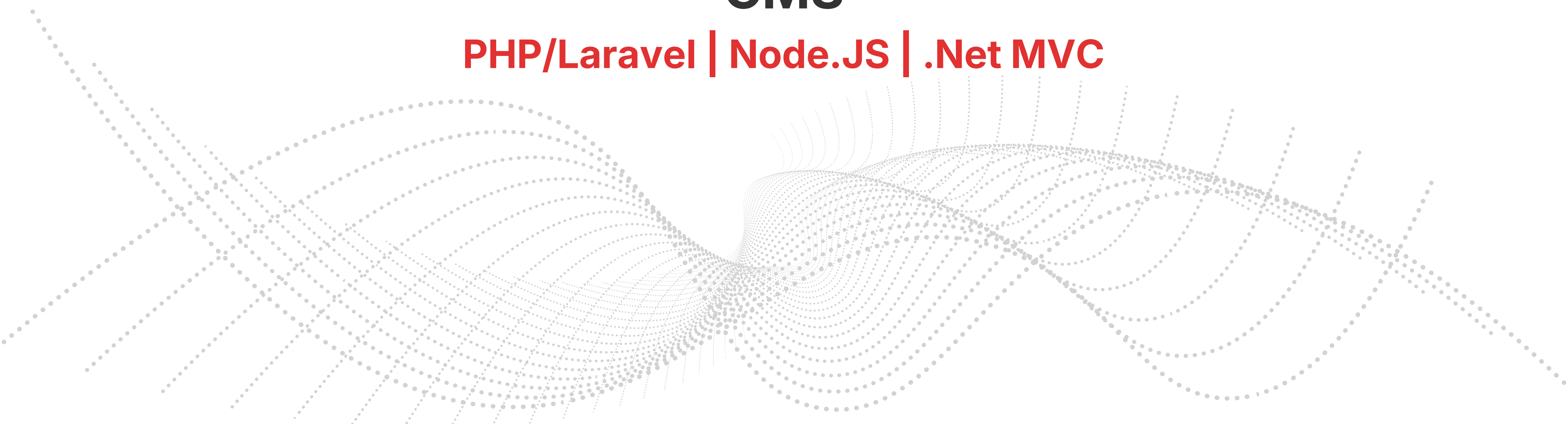
Water saving





CMS

PHP/Laravel | Node.JS | .Net MVC



Model: Eatcard



Customer:

One of the biggest platform providers for the Hospitality Business in Netherlands.



Project Details:

- **Duration:** 4+ Years and Ongoing
- **Technology:** Laravel, Flutter, Angular, MongoDB, MySQL, Node.js, Redis, Socket.io, Firebase, SQS, SES



Problem:

- As the food and Restaurant industry keeps expanding each day along with many competitors, there was a need to create a One-stop solution to expand and thrive in the market.
- While adding new Systems to the platform, there was also a challenge to keep the current system Live & Functioning as thousands of transactions go through each day.
- Coping up with the Data Laws and Taxation structures also needs to be taken care of.

Solution:

Digital Ordering System: Allows customers to place orders directly

Seamless Payment Integration: Supports 14 payment gateways

Restaurant Dashboard: Provides insights into sales, inventory, customer preferences, and table availability.

Online Reservation & Booking: Allows customers to book tables in advance.

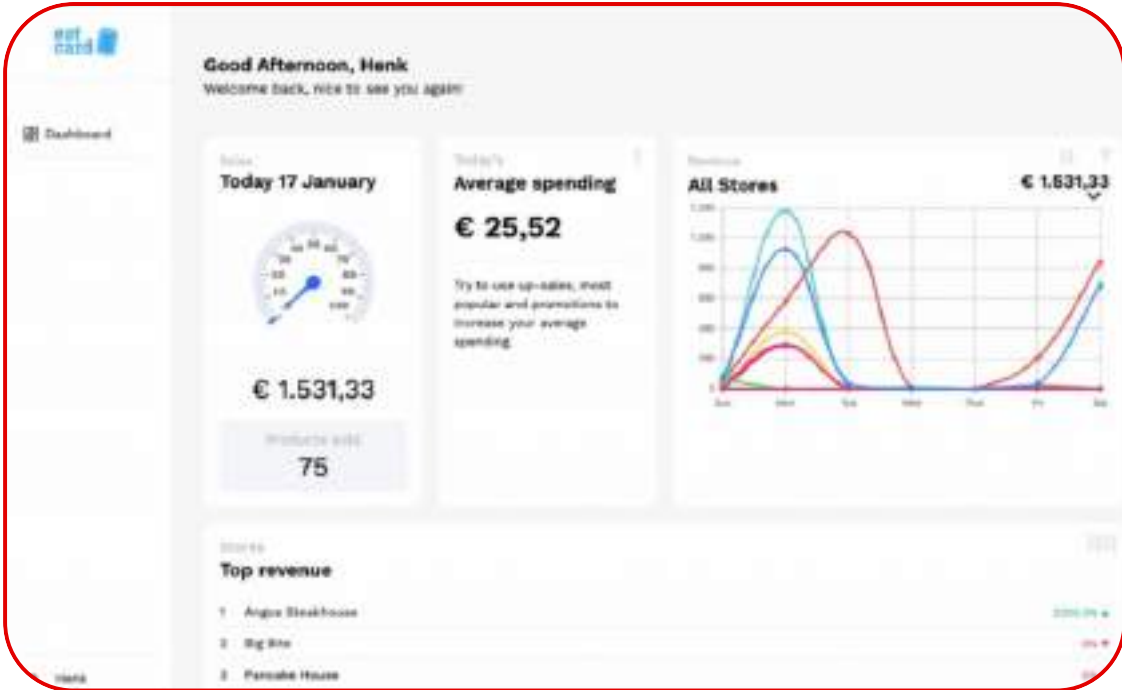
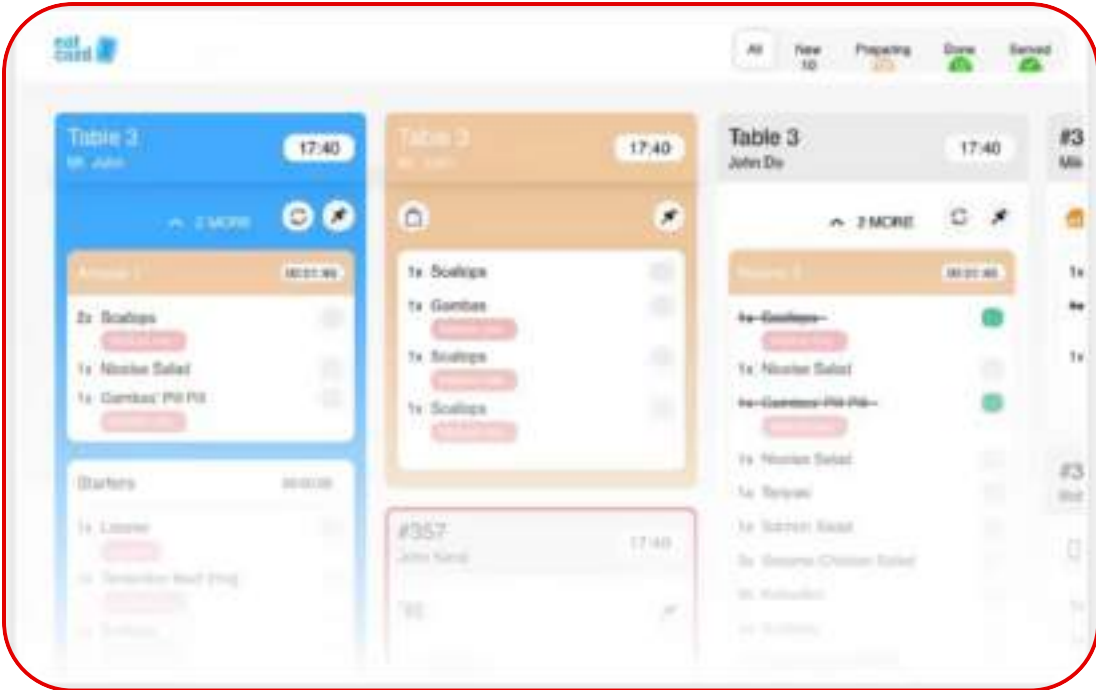
Table Management Planner: Helps restaurants plan seating and manage customer flow.

Kiosk Integration: Provides self-service kiosks for customers

Digital Signage: Displays real-time order status and restaurant promotions.

Multi-Linguistic and Multi-Country: Available on multiple countries

Model: Eatcard



Stores Count	Total Order Amount in the Year	Total Orders in the Year	Max Order Total Amount of single day	Max Order Count of single day
153	€123,453,023	4,023,614	€677,769	17,134



Model: Inventory Sync Platform



Customer:

A development agency in Australia providing solutions in the E-Commerce Industry.



Project Details:

- **Duration:** 24+ Months and Going
- **Technology:** Laravel, Vue3, MySQL, Envoyer, Forge, Redis

Problem:

- E-commerce businesses operating across multiple platforms such as Shopify and WooCommerce faced significant challenges in managing,
- Tiresome work to Sync the Inventory across multiple stores.
- Changes in the Product and its attributes on one platform take time to push the same changes to other platforms
- Managing order and fulfillment is a tough job when multiple stores are there.

Solution:

- **Real-Time Inventory Sync:** Updates stock levels instantly across all connected stores.
- **Product Synchronization:** Syncs descriptions, prices, tags, images, etc.
- **Order Automation:** Pushes orders to suppliers and updates fulfillment status/tracking.
- **Multi-Platform Support:** Compatible with Shopify and WooCommerce.
- **Bulk Product Import/Export:** Manages large inventories efficiently.



25k+
Stores onboarded

13 Mn
Products

16 Mn+
Webhooks/day

350k+
orders/day

Model: Inventory Sync Platform



syncio

test-naime
test-naimesh

Dashboard

Marketplace

Stores

Products

Product Settings

Orders

Payouts

Activity Center

Settings

PRODUCTS SYNCED

2/25

ORDERS PUSHED

0 / unlimited

PAYOUTS PROCESSED

0 / unlimited

Manage

Plan and Billing

Upgrade or downgrade anytime. [Contact us for help](#)

STEP 1: SELECT A BASE PLAN

Select how many products you need to sync

All base plans include real time and ongoing inventory syncing, and have a 14 day free trial. [Learn more about our pricing](#)

FREE

25 products

\$0.00 / month

STARTER

100 products

\$19.00 / month

TRACTION

500 products

\$29.00 / month

GROWTH

1000 products

\$39.00 / month

PRO

3000 products

\$69.00 / month

BUSINESS

5000 products

\$99.00 / month

ENTERPRISE

10000 products

\$129.00 / month

STEP 2: UPGRADE ADD-ONS

Upgrade add-ons to suit your needs

Downgrade at any time. All add-ons have a 14 day free trial.

ORDERS

PRODUCT SETTINGS

PAYOUTS

syncio

test-naime
test-naimesh

Dashboard

Marketplace

Stores

Products

Product Settings

Orders

Payouts

Activity Center

Settings

PRODUCTS SYNCED

2/25

ORDERS PUSHED

0 / unlimited

PAYOUTS PROCESSED

0 / unlimited

Manage

Settings

Manage your settings to make Syncio work better for you

Account details

Find specific information about your account with Syncio, including your store type, Syncio connection key and how to uninstall Syncio.

Manage

Plan and billing

Manage and upgrade your base plan and add-ons.

Manage

Payouts settings

Set commissions at store, vendor or product/SKU level

Manage

Marketplace settings

Manage your Marketplace profile and settings

Manage

Notifications

Choose how you'd like to receive communications and customize what type of alerts we send you.

Manage

syncio

test-naime
test-naimesh

Dashboard

Marketplace

Stores

Products

Product Settings

Orders

Payouts

Activity Center

Settings

PRODUCTS SYNCED

2/25

ORDERS PUSHED

0 / unlimited

PAYOUTS PROCESSED

0 / unlimited

Manage

Marketplace

Cherry Canada & USA

Shop from Canada (Required action)

Published products: 1000

Typical margin: Required pricing

Enable to connect

debutparis.com

Shop from Italy (Required action)

Published products: 37

Typical margin: Required pricing

Enable to connect

KamZore

Shop from Denmark (Required action)

Published products: 800

Typical margin: 3.5%

Enable to connect

JLROHARA

Shop from Australia (Required action)

Published products: 38

Typical margin: Required pricing

Enable to connect

xbloom

Shop from USA (Required action)

Published products: 1000

Typical margin: Required pricing

Enable to connect

Flower

Shop from USA (Required action)

Published products: 1000

Typical margin: Required pricing

Enable to connect

Poppy Beauty

Shop from USA (Required action)

Published products: 1000

Typical margin: Required pricing

Enable to connect

YUMMI MUFFIN

Shop from USA (Required action)

Published products: 1000

Typical margin: Required pricing

Enable to connect

Model: Online Aptitude & Practical Portal



Customer:

An IT Development Agency that hires interns every year.



Project Details:

- **Duration:** 3+ Months
- **Technologies:** :JavaScript / jQuery, PHP / Laravel, Python, MySQL, AWS S3

Problem:

- The hiring process for interns often includes aptitude and Practical rounds.
- Manual processes become tiresome when a high volume of candidates apply.
- No common system to handle both theoretical aptitude tests and practical exams across different environments.
- No digital track records of the candidates applied.
- Ensuring exam security

Solution:

- We developed an online web portal Aptitude and Practical Rounds in React that requires no installation and is accessible from any system, providing a seamless exam experience for candidates.
- Inbuilt IDE for Coding Related Tasks
- Automatic scoring calculation based on the given answers
- Options to evaluate and mark the scores manually after each stage.
- Statistics for each E-Campus Drive.
- Manage the questions and assign their difficulty levels.
- We also built a Fail safe Mechanism in case of Power or Internet Failure.

90+

Online Exams
conducted so far

6821

Candidates
Applied

Model: Online Aptitude & Practical Portal



Enrollment No.

Mobile No.

Email

Search...

Search...

Search...

College

Education Stream

Marks

Select College

Select a Education Stream

Eg. 7 meaning >= 7

Eligible For Practical

Practical Status

Video Generated

Video status

Eligible

Select Status

Select Status

Select Status

Select Status

Select

ENROLLMENT MOBILE NO.	COLLEGE	APPLIED FOR	APTITUDE STATUS	CORRECT ANSWERS	ELIGIBLE FOR PRACTICAL	PRACTICAL STATUS	VIDEO STATUS	ELIGIBLE INTERVIEW
En: 2301221210058 Mo: 9819044642	Navrachana University	AI/ML Developer	Completed	19	<input type="checkbox"/>	Not Started	Pending	Review
En: 210303130009 Mo: 9875098892	Parul Institute	AI/ML Developer	Completed	1	<input type="checkbox"/>	Not Started	Pending	Review
En: 2203051057138 Mo: 9099008493	Parul Institute	AI/ML Developer	Completed	11	<input type="checkbox"/>	Not Started	Pending	Review
En: 2103041244230 Mo: 6261784345	Parul Institute	AI/ML Developer	Completed	11	<input type="checkbox"/>	Not Started	Pending	Review

User Answer Sheet		
Quantitative Aptitude	Reasoning	English
Question	Options	Answer
An organization decided to raise Rs. 6 lakh by collecting equal contribution from each of its employees. If each of them had contributed Rs. 50 extra, the contribution would have been Rs. 6.44 lakh. How many employees are there in that organization?	<ul style="list-style-type: none">• 880• 400• 560• 620	880
The ratio of present ages of A and B is 6 : 7. Five years hence, this ratio would become 7 : 8. Find the present age of A and B.	<ul style="list-style-type: none">• A) 35, 30• B) 30, 35• C) 24, 28• D) 36, 42	B) 30, 35
The speed of a boat in still water is 5 km/hr. If the speed of the boat against the stream is 3 km/hr, what is the speed of the stream?	<ul style="list-style-type: none">• 15 km/hr• 2 km/hr• 1 km/hr	2 km/hr

	DESCRIPTION	QUESTION COUNT	TOTAL TIME	CUT OFF	STATUS	LINK
21st December 2024	Campus Drive – 21st December 2024 @GEC, Rajkot	40	40	25%	<input type="checkbox"/>	Copy Login
11th December 2024	Campus Drive – 11th December 2024 @Parul University, Vadodara	40	40	25%	<input type="checkbox"/>	Copy Login
25th November 2024	Campus Drive – 25th November 2024 @LJ University, Ahmedabad	40	40	25%	<input type="checkbox"/>	Copy Login
17th October 2024 @A	Campus Drive – 17th October 2024 @A D Patel Engineering College (ADIT), Vidyanagar	40	40	25%	<input type="checkbox"/>	Copy Login

Model: Learning Management System



Customer:

An IT Development Agency that hires interns every year



Project Details:

- **Duration:** 4 Months+
- **Technologies:** Laravel, Angular, PostgreSQL, Socket.io, Amazon S3

Problem:

- The organization encountered significant challenges in the effective management of interns/trainees. Some of the
- problems were:
- Assigning unique Tasks to each individual.
- Track the task progress individually
- Idle Time when the previously provided task is submitted but not validated.

Solution:


We create a Centralised Learning Management System featuring:

- Two Sub-portals: Trainee Portal & Mentor/Trainer Portal.
- Role-Based Access Control (RBAC) model for managing roles
- Customise task assignments (Levels: Department wise, Group wise, or individual wise)
- Integrated chat support for real-time communication between trainees and mentors/trainers

Model: Learning Management System




Choose Program



Bid Master

JANUARY 2024


Course Progress 80%



Datathrone 2024

JANUARY 2024


Course Progress 100%



Lead Generation

JANUARY 2024


Course Progress 33%



Sales Lessons by Santosh Nair

JANUARY 2024


Course Progress 100%



Sales Pitch Tasks

JANUARY 2024

Course Progress 100%



Interpersonal Communications

JANUARY 2024

Course Progress 100%

Tasks [Change Course](#) Bid Master > Bid Master > Write bid - Part 4

Task : Write bid - Part 4

What you will write:

1. Business level Understanding
 1. The need for a solution and where it is useful
 2. All Technical jargon should involved
2. Questions to ask

1. Deep Learning Expert for Pavement Distress Detection

We are looking for a skilled and experienced deep learning expert to assist us with pavement YOLO or Faster R-CNN. As part of this project, you will be responsible for analyzing pavement training deep learning models to accurately detect and classify various types of distresses. The background in computer vision, deep learning, and experience with implementing object detection models.

Skills:

- Deep learning algorithms (YOLO, Faster R-CNN)
- Computer vision

Bid Master > Bid Master > Write bid - Part 4 > Insights [Timer](#) [Insights](#) [Q & A](#)

Task Performance Insights [Back to Task](#)

Task : Write bid - Part 4

Task Progress Overview

Time Log	Attempts	Task Status
1d	1	Under Review

Attempt 1 Tuesday, May 14, 2024, 2:29 PM

Files

Model: Real Estate Property Management portal



Customer:

A US-based agency looking to upgrade its real estate app and add new features.



Project Details:

- **Duration:** 2+ Years
- **Technology:** Angular 18, HTML, CSS, .NET Core 8 with Web API, Microsoft SQL Server, Azure Cloud integration, Payment gateway integration.

Problem:

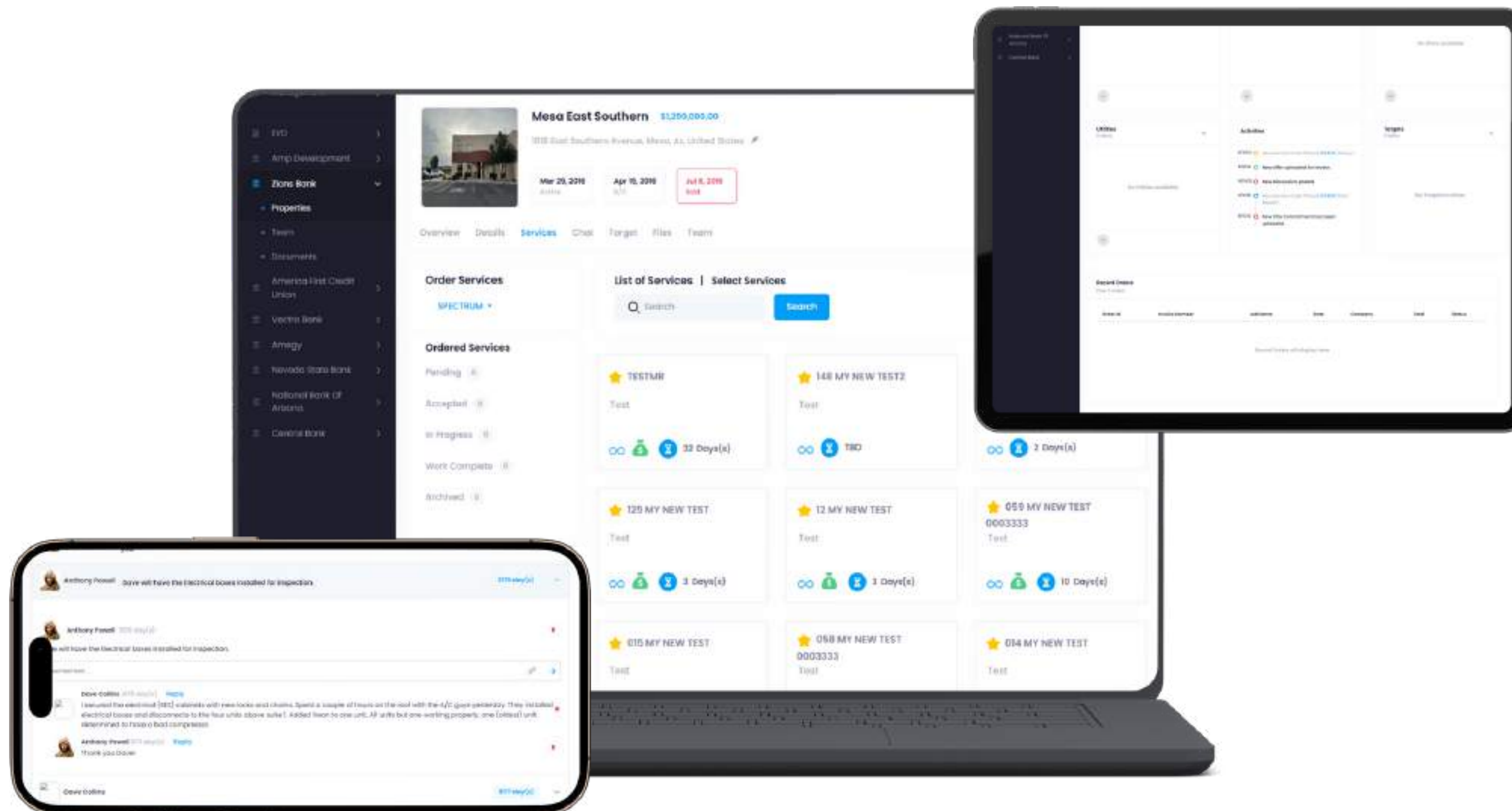
- The client had an existing Legacy system for property management.
- He faced Problems in:
- Managing Properties Effectively.
- New enhancements and changes to existing complex scenarios.
- Implement digital signature and digital invoice feature

Solution:

We developed Upgraded and modernized the system to address property management challenges with enhanced performance, scalability, and secure features.

- **Platform Upgrade:** Upgraded to .NET Core 8 and Angular 18 for better performance and a modern, attractive UI.
- **Multi-Tenant Management:** Built a multi-tenant system with role-based access control for secure user management.
- **Secure Document Management:** Integrated Azure services (Functions, Logic Apps, Service Bus, Blob Storage) for secure document uploads.
- **Invoicing and Digital Signatures:** Integrated invoicing and digital signature APIs to streamline operations.
- **Payment Gateway:** Implemented a payment gateway for monthly invoice payments.

Model: Real Estate Property Management portal



Model: Telemedicine Platform



Customer:

An agency in the USA that provides online medical treatment and wants to deliver medicines to the customer directly.



Project Details:

- **Duration:** 2+ Years
- **Technology:** Angular 18, HTML, CSS, .NET 8 with Web API, Microsoft SQL Server, Azure Cloud integration, Google Map, Payment gateway integration.

Problem:

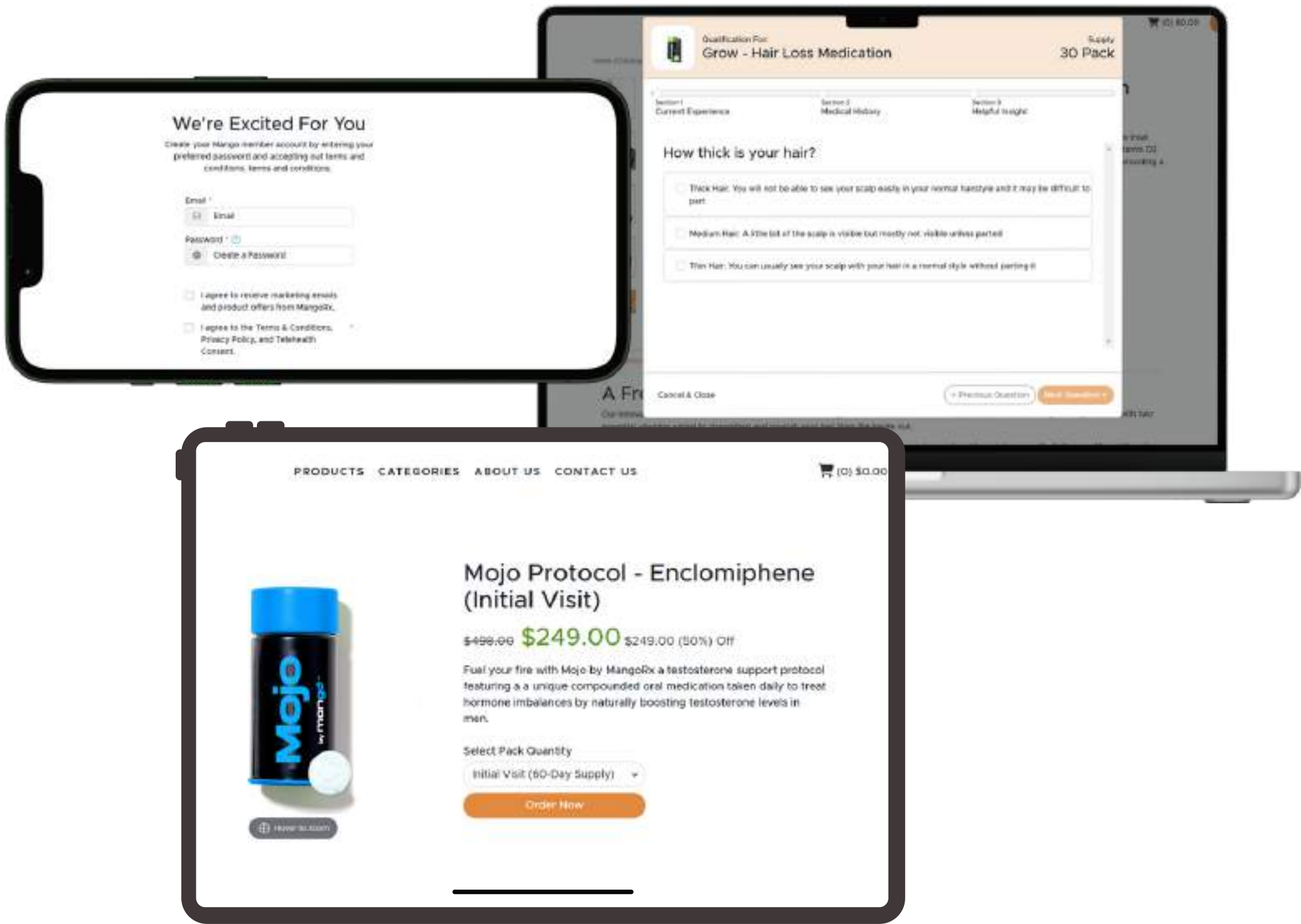
The client face the challenges in

- Tracking and handling of stock levels.
- Delays and inaccuracies in delivering medicine to the right locations at the right time.
- Difficulty in effectively connecting with customers in the local market.
- Operational inefficiencies and limited scalability hindering overall business growth.

Solution:

- **Admin Panel:** Created an intuitive admin panel for internal team management of customer data.
- **User System:** Built with role-based application where user can able to manage doctor's consultation and orders.
- **Azure Integration:** Implemented Azure Functions, Service Bus, and Blob Storage for scalability and security.
- **Payment & Tracking:** Integrated Authorize.Net payment gateway and Google Maps for order tracking.
- **Microservices:** Used microservices architecture with webhooks and SignalR for real-time notifications.
- **Delivery:** Delivered the orders to users with real time tracking.

Model: Telemedicine Platform



Model: Insurance Management Application



Customer:

A US-based insurance company wants to develop a digital platform to streamline operations and reduce paperwork.



Project Details:

- **Duration:** 2+ Years
- **Technology:** .NET 6, Web API, Entity framework, Angular 16, SQL Server, Postgres SQL

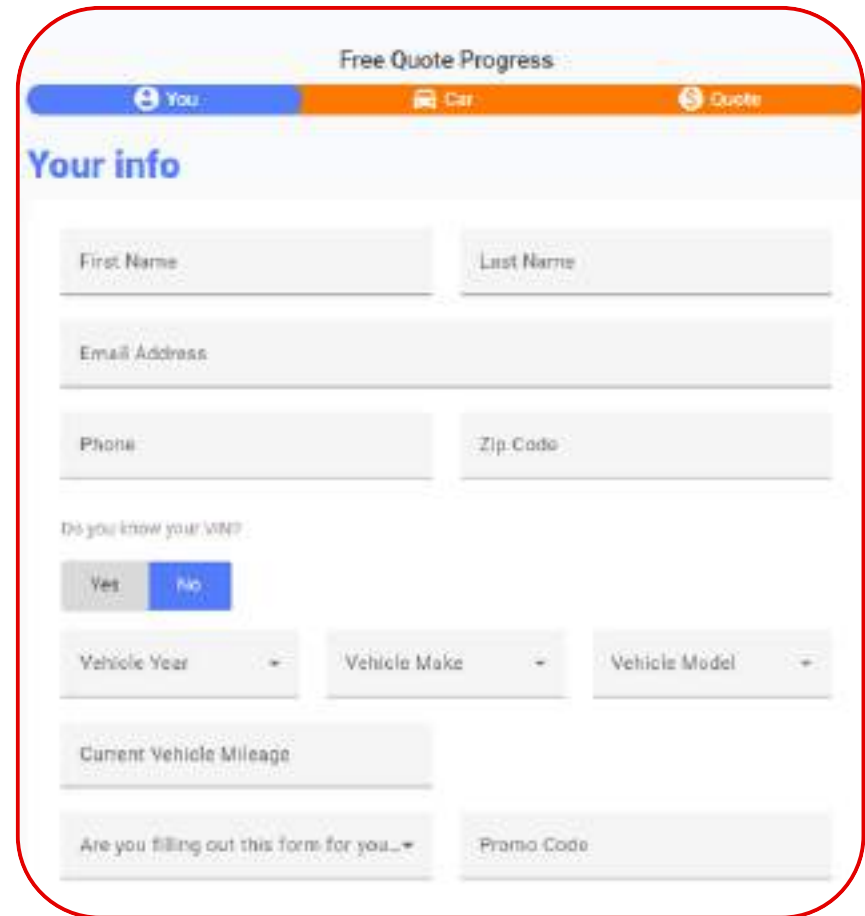
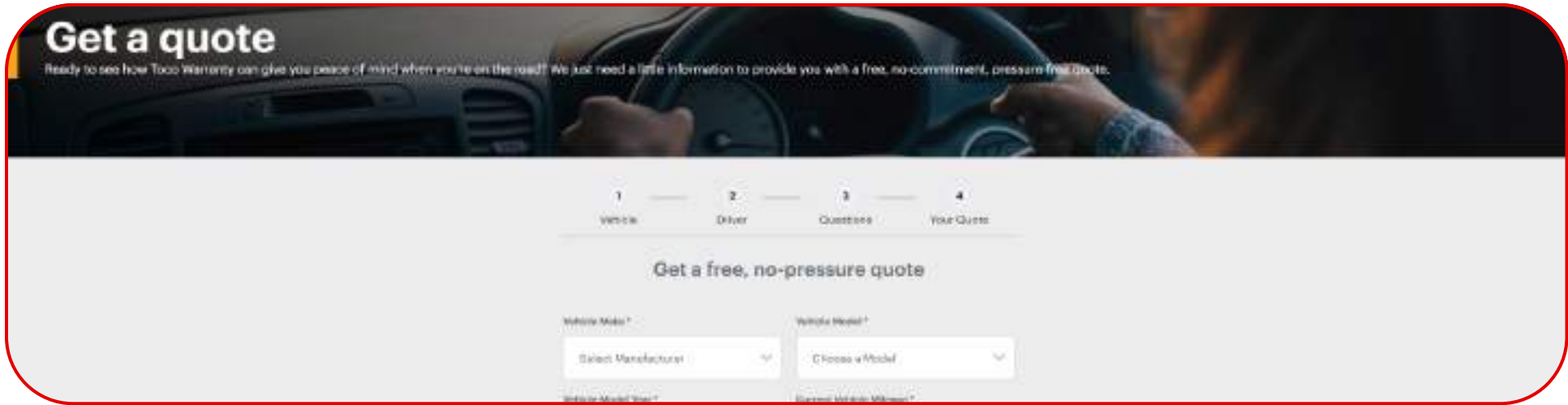
Problem:

The client offers insurance but face the challenges in:

- Managing paper work
- Follow ups and quotations
- Payment issues
- Internal management to assign customers

Solution:

- **User-Friendly Interface with quotations:** Built a seamless Angular-based application for easy navigation and generate the quotations and proceed with that quotations.
- **Efficient Backend Operations:** Developed Web APIs in .NET Core (C#) and integrated SQL Server for reliable data management.
- **Admin Panel:** Manage the customers queries and solutions to admin of application to claim the policies and other work.
- **Real-Time Processing & Payments:** Implemented Azure Functions for event-driven tasks and integrated a payment gateway for real-time transactions and deployed applications into Azure with CI/CD.
- **Background Processing:** Developed Windows Services for scheduled tasks to boost performance.



Model: Election Voting Portal



Customer:

An agency in the USA wants to provide election voting predictions to the media before the results are officially declared.



Project Details:

- **Duration:** 2+ Years
 - **Technology:** .NET 8 Web API, Dapper framework, HTML, CSS, jQuery, Angular 18, Microsoft SQL Server, Google Sign-In, Apple Sign-In

Problem:

Client wants a statistics before the election to publish it in media but they face the challenges in:

- No proof of who will winner in election
- Which candidate have public support
- Accurate data with voting

Solution:

- **Digital Voting & Certification:** Created a platform for users to cast votes to their selected candidate and receive certificates effortlessly.
- **Real-Time Communication:** Developed scalable APIs with .NET 8 for real-time voting updates.
- **Dynamic Admin Panel:** Designed a robust admin panel using Angular to manage voting scenarios.
- **Secure User Authentication:** Integrated Google and Apple Sign-In for easy and safe user registration.
- **Database Optimization:** Optimized MS SQL with indexes and reader-writer separation for high concurrency and large datasets.

Model: Election Voting Portal



Candidate

Election

Configuration

User

Vote

Search by Election Name

All Status

Add Election

Name	Description	Election Date	Created On	Status	Is Archive	Actions
TEST ELECTION	Test	Oct 31, 2024	Oct 29, 2024	Active	Yes	E S D
Mp Election	TEST	Nov 2, 2024	Nov 13, 2024	Active	No	E S D
MLA Elu	Our State Election	Oct 29, 2024	Sep 30, 2024	Active	No	E S D

Previous Next



Model: Transactions Summary Generator



Customer:

A well-known South African bank wants to send monthly transaction summaries to its users' inboxes.



Project Details:

- **Duration:** 1.5 + Years
- **Technology:** .NET Core (C#), Web API, Entity framework, Angular 15, HTML, CSS, SQL Server, Postgres SQL server, SSIS, ETL package, PDF conversations, Azure blob storage, Deployment with CI/CD pipeline

Problem:

Every bank account holder has a bank account but cannot get any transaction summary on a pre-defined recurring basis.

The following are the key challenges:

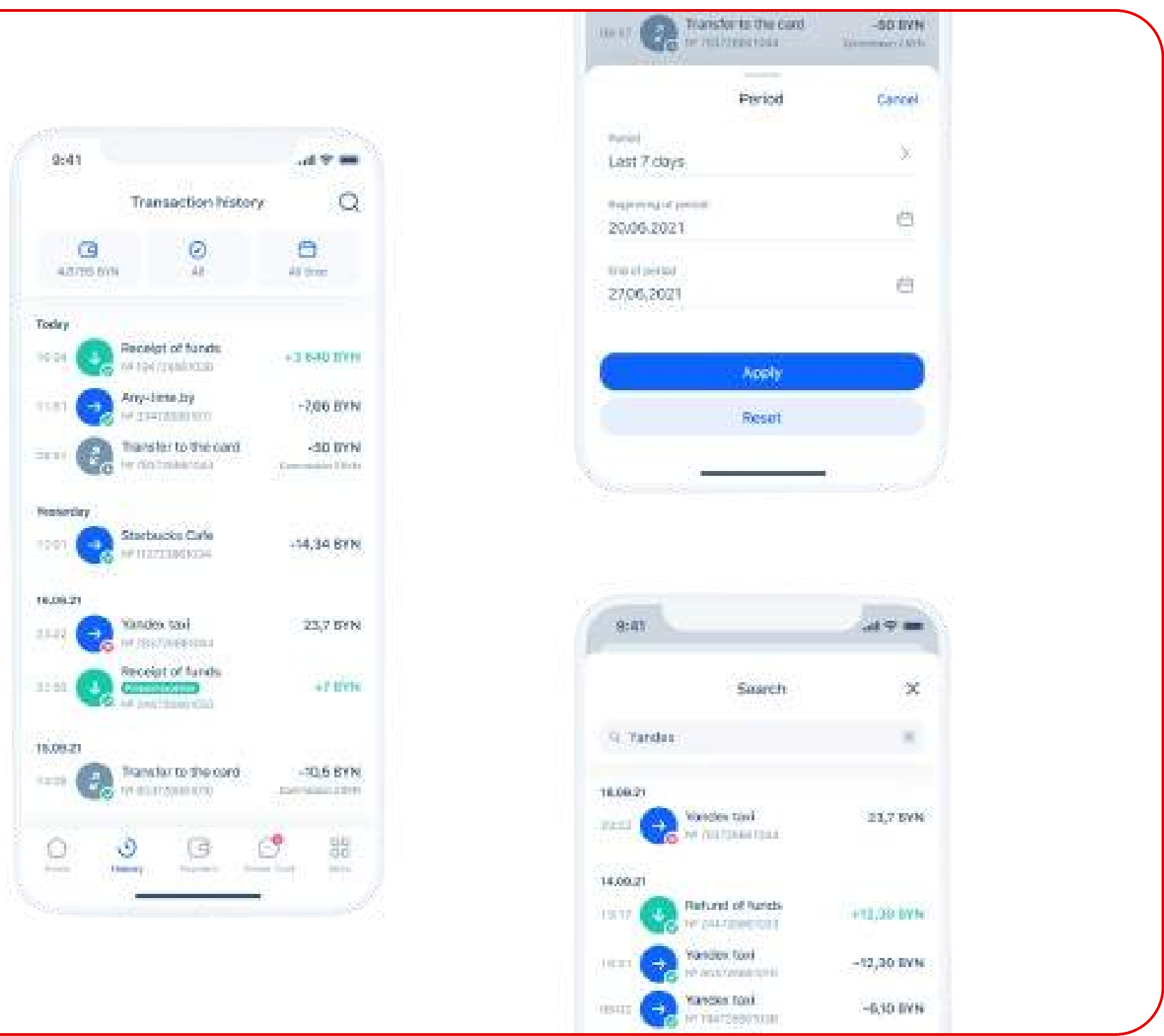
- Unstructured and distributed data.
- There is no way to send reports over email.

Solution:

We developed a system to automate and send reports, transactions summary on recurring basis over an email, and optimize data processing.

- **Real-Time Reporting:** Created a transaction summary generator for automated reporting sent to user email every month
- **Backend Efficiency:** Built robust APIs in .NET Core for fast operations.
- **PDF Integration:** Enabled detailed transaction summaries with PDF conversion.
- **Scalable Data Management:** Fetching data from bank using SSIS and optimize with SQL Server.

Model: Transactions Summary Generator



FIRST BANK OF WIKI
1425 JAMES ST, PO BOX 4000
VICTORIA BC V8X 3X4 1-800-555-5555

JOHN JONES
1843 DUNDAS ST W APT 27
TORONTO ON M6K 1V2

	Description	Ref.	Withdr
8	Previous balance		
4	Payroll Deposit - HOTEL		
4	Web Bill Payment - MASTERCARD	9085	2
6	ATM Withdrawal - INTERAC	3990	
6	Fees - Interac		
0	Interac Purchase - ELECTRONICS	1975	
1	Web Bill Payment - AMEX	3314	3
2	ATM Withdrawal - FIRST BANK	0084	1
3	Interac Purchase - SUPERMARKET	1559	
4	Interac Refund - ELECTRONICS	1975	
7	Telephone Bill Payment - VISA	2475	
8	Payroll Deposit - HOTEL		
0	Web Funds Transfer - From SAVINGS	2620	
3	Pre-Auth. Payment - INSURANCE		
3	Cheque No. - 409		1
6	Mortgage Payment		7
7	Fees - Overdraft		
8	Fees - Monthly		
*** Totals ***			17



Model: Marketplace Platform



Customer:

A top US tech solutions provider enhancing business marketplace and supplier.



Project Details:

- **Duration:** 2.5 + Years
- **Technology:** HTML, CSS, jQuery, C#, .Net MVC, Web API, PostgreSQL, Celery / Quartz Scheduler, AWS CICD Pipeline

Problem:

Users have an issue to find the nearest suppliers of product. Client faces many challenges to do this part.

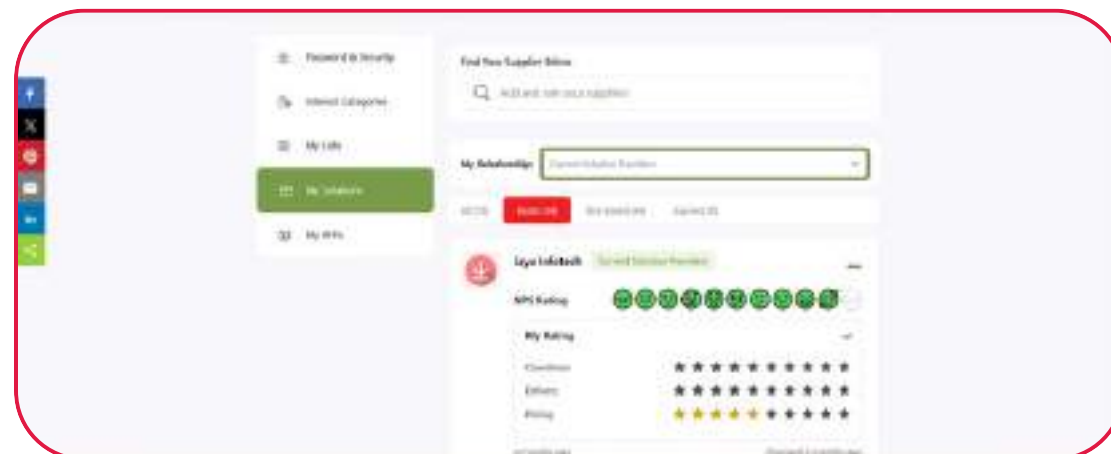
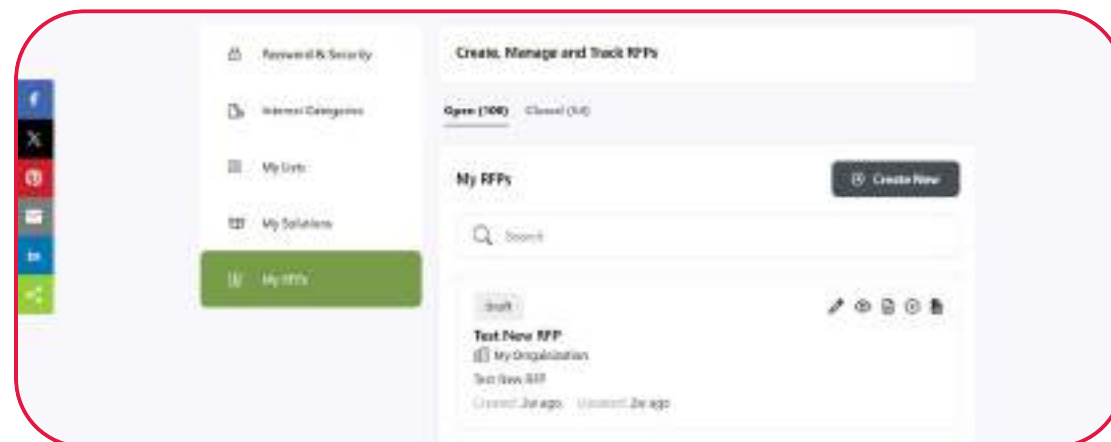
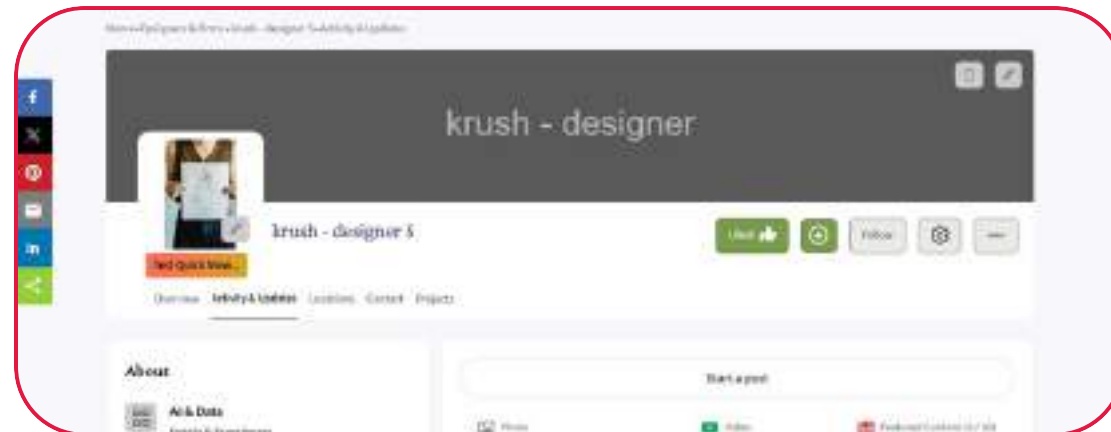
- Find the nearest supplier for specific products
- Need any specific things or ask to suppliers
- Suppliers can not invest huge amount into marketing

Solution:

Robust solution: Created a web application where supplier can able to register their product and do marketing. Customer can able to see supplier's business and products with specific ask as well.

- **Customizable Architecture:** Built a common platform with tenant-specific configurations for branding, themes, and features.
- **Secure Role-Based Access:** Implemented role-based access control to ensure data segregation for each tenant.
- **Automation & Subscriptions:** Added jobs, schedulers, and tiered plans for advanced feature management.
- **Engagement Tools:** Enabled user interactions to foster collaboration and chat to each other.

Model: Marketplace Platform



Model: Networking Platform



Customer:

A US based agency aims to create a new networking platform tailored for Gen Z.



Project Details:

- **Duration:** 1 + Years
- **Technology:** .NET Core (C#), Android, iOS, PostgreSQL, Dapper, SignalR, Redis, Kubernetes, and CI/CD automation.

Problem:

The client did not want to use a traditional social media application as it faces many challenges for the young generations.

- Existing social media platforms do not moderate the content before publishing it as it leads to often negativity and online harassment.
- Users are increasingly concerned about data security
- The issue with authentic registrations

Solution:

We have developed a fully functional networking platform, similar to other social media platforms, which includes:

- **Content Approval:** Admin approval is required before publishing content on the platform to prevent negativity and harassment.
- **Privacy-First Design:** Implemented robust data security and transparent privacy policies.
- **Community Moderation:** Added features to promote positive interactions and deter negativity.
- **User-Friendly Interface:** Designed a seamless interface for easy navigation and content sharing.
- **Scalable Infrastructure:** Leveraged microservices architecture and AWS deployment for reliability and scalability.

10K+

Users within 3 months.

99.9%

Uptime using AWS services.

Model: Networking Platform



Model: Medical Billing Application



Customer:

A US-based B2C agency offering innovative applications to hospitals for improved patient care and management.



Project Details:

- **Duration:** 2 + Years
- **Technology:** .NET MVC, ASP.NET, Web API, HTML, CSS, jQuery, SQL Server, Azure WebJobs, Azure Functions, Azure CI/CD pipelines, third-party API integrations, payment gateways, and HL7.

Problem:

The client faces many challenges to manage the accounting of their hospitals.

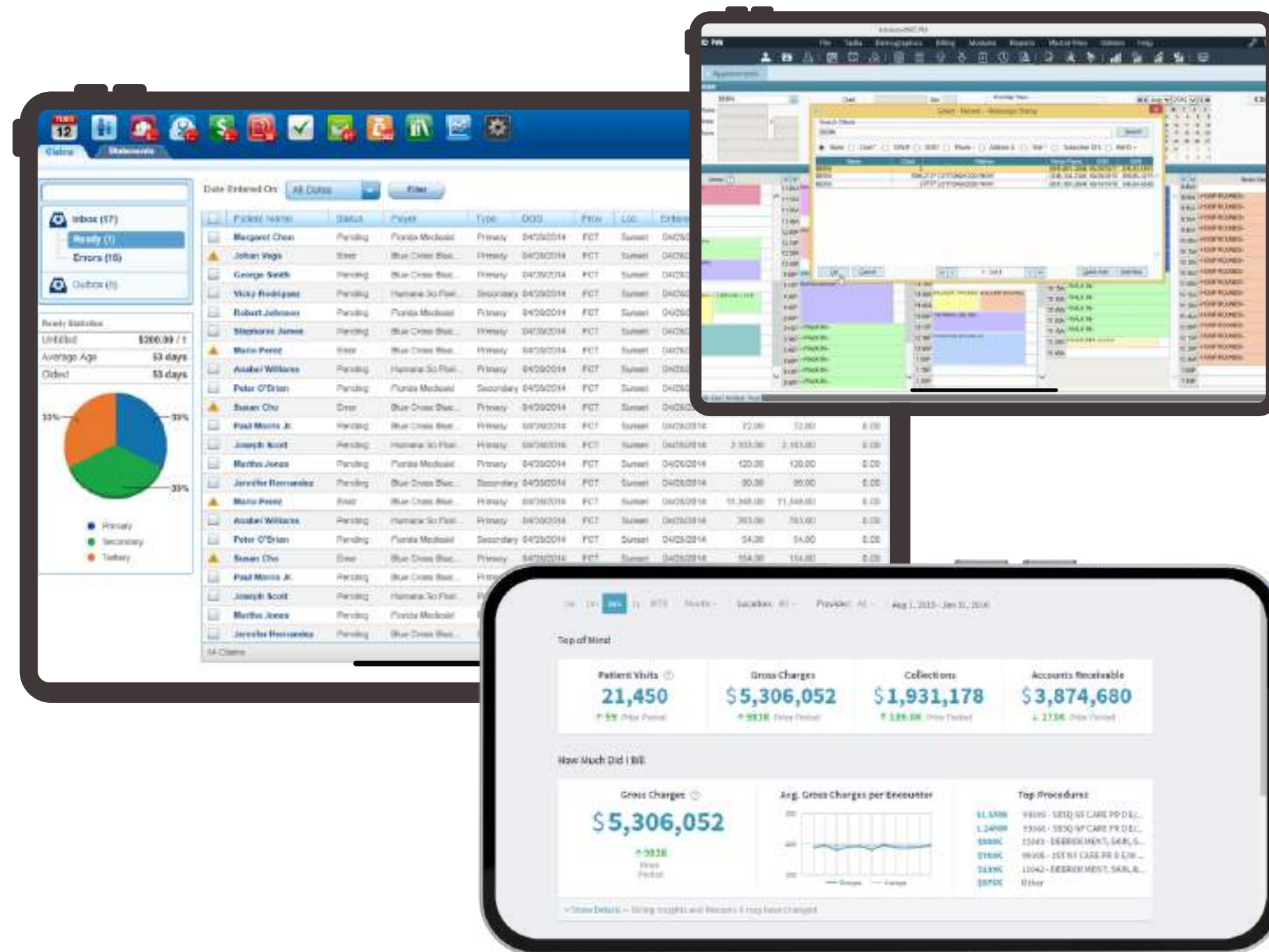
- Existing setup have many paper work to manage the accounting for pateint
- Not able to manage the insurance policy and documentations
- Manage the data and validations are not possible with manual process
- Hard to manage records as per the medical terms and conditions

Solution:

We developed an end-to-end web app that includes features such as:

- **Automated Billing Workflows:** Simplified complex billing processes to improve accuracy and efficiency.
- **Integration of insurance companies and policies:** Integrated insurance companies in application with their policies and cashless processess.
- **Data Validation:** Validated the data entries with healthcare rules.
- **Real-Time Processing:** Utilized WebJobs and Azure Functions for background tasks and live report generation.
- **Scalable Architecture:** Deployed on Azure to ensure scalability with user growth.
- **Third party APIs:** Developed APIs for smooth connectivity with healthcare systems and third-party APIs.

Model: Medical Billing Application



Model: Construction Management Application



Customer:

A US-based agency aiming to develop an end-to-end Construction Management solution for construction companies.



Project Details:

- **Duration:** 1.8 Years
- **Technology:** .NET Core, Web API, SOLID principles, Angular 15, MongoDB with indexing, Azure Functions, Logic Apps, Azure Key Vault, Redis cache, SignalR, and Azure App Services deployment with CI/CD pipeline.

Problem:

Real estate client can't manage the assets and order management with manual process. They faces many challenges.

- Hard to manage the order management and tracking the orders
- Not able to manage the fulfilment of their order's delivery
- Need to optimize the application to manage the orders smoothly

Solution:

We developed an end-to-end solution that includes:

- **Order & Assets Management** : Build a application to manage the orders and assets management of real estate site.
- **Order Delivery tracking:** To understand that, orders are delivered successfully or not at multiple locations.
- **Notifications & Multilingual Support:** Implemented order notifications and multilingual reporting for global clients.
- **Performance Optimization & Scalable Data Storage:** Leveraged Redis for caching and integrated MongoDB with indexing for fast, scalable data storage.
- **Cloud Deployment:** Deployed on Azure Cloud for high availability, easy scaling, and seamless performance.

100+

Used by construction companies

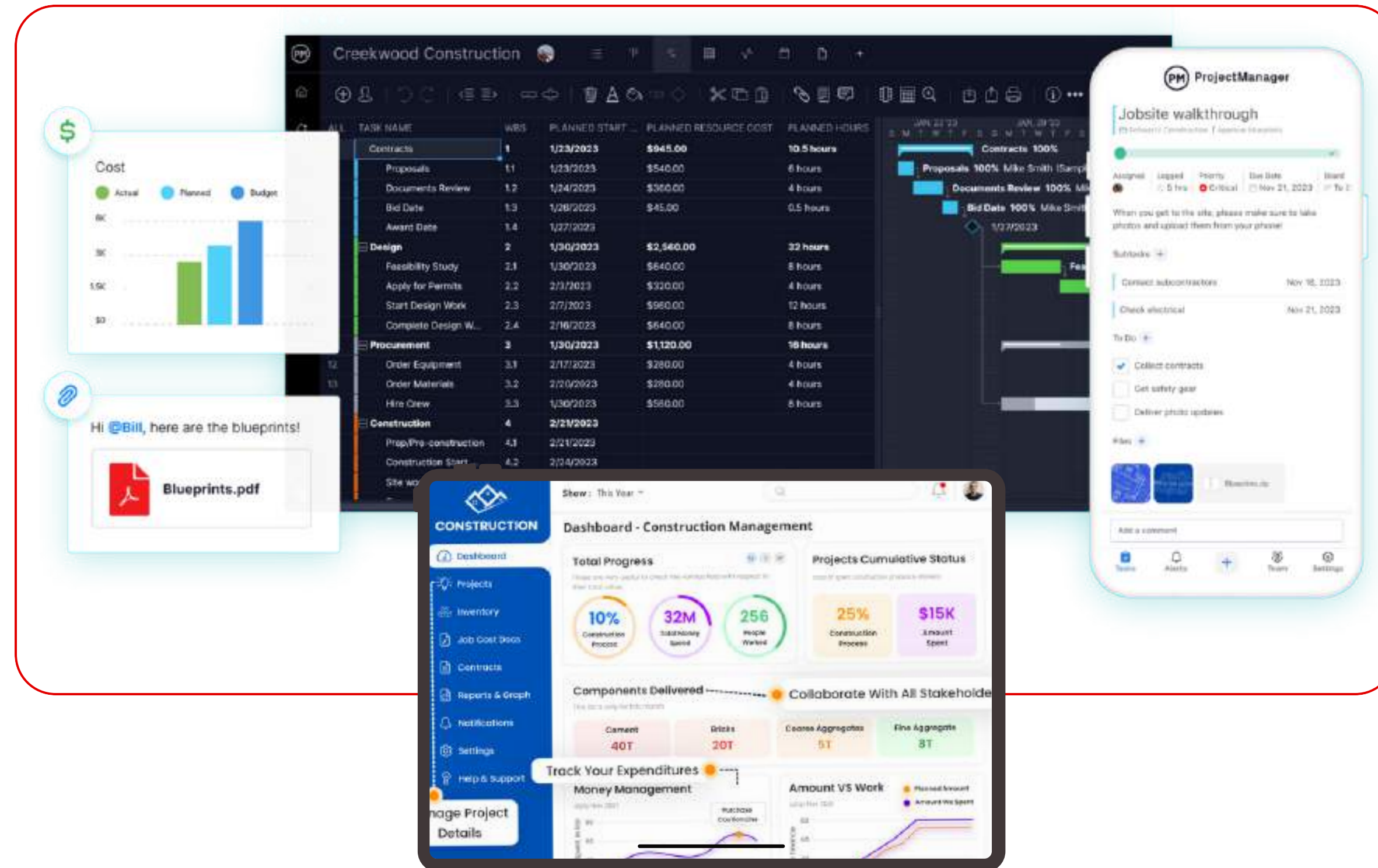
100K+

orders management.

10K+

assets management.

Model: Construction Management Application



Model: Product Rules Management



Customer:

A US-based agency offering services to e-commerce store owners to enhance their online business operations.



Project Details:

- **Duration:** 1.7 Years
- **Technology:** HTML, CSS, jQuery, C#, .NET MVC, Web API, Azure Cosmos DB, Azure Web Jobs, Azure Functions, LINQ, Entity Framework, platform APIs (Amazon, Shopify, Walmart), reporting tools, CI/CD automation, and Azure App Services.

Problem:

E-Commerce clients will upload their data into e-Commerce applications but lack of SEO knowledge, their products are not coming into 1st page. They face many challenges.

- Client don't know about validations of products
- Lack of knowledge about rules of e-Commerce applications
- Can't able to manage the terms and conditions for multiple e-Commerce applications

Solution:

Below are the details of what we developed to meet the customer needs

- **SEO of products and follow the rules:** Create a web application to fetch the data from multiple e-Commerce platform and suggest the SEO of products and give information about the rules.
- **Dynamic Multi-Tenant Architecture:** Built a framework with role-based access control and isolated environments for tenant management.
- **Streamlined Data Uploads:** Enabled Excel-based uploads with automatic attribute mapping, powered by Azure Web Jobs for efficient processing and real-time progress tracking.
- **Validation & Compliance Tools:** Developed a rule validation engine and automated platform readiness analysis for Amazon, Shopify, Walmart, and more.
- **User-Friendly Dashboard:** Combined progress tracking, error monitoring, and analytics into an intuitive interface.

100+

Used by tenants

1000+

Processes products per minute.

10K+

Increases products ranks

5 Major

Supports validation for E-commerce

Model: Stock Management Application



Customer:

A China-based agency wants to manage multiple stock portfolios from a single platform for individual and corporate clients.



Project Details:

- **Duration:** 8 Months
- **Technology:** ASP.NET, .NET Framework, HTML, CSS, jQuery, SQL Server, third-party APIs (Yahoo, Quamnet, ETNET), Windows services, and IIS server deployment.

Problem:

The agency has noticed that their clients face difficulty managing multiple portfolios at the same time, which includes:

- Difficulty consolidating portfolio details.
- Lack of real-time stock prices from different platforms

Solution:

We developed a high-performance stock management tool with real-time data, trend analysis, and advanced features like :

- **Real-Time Data Integration:** Integrated third-party APIs from Yahoo, Quamnet, and ETNET to fetch and aggregate the latest stock values.
- **Intuitive Frontend Design:** Built a responsive interface using ASP.Net, HTML, CSS, and jQuery for a seamless user experience.
- **Data Visualization & Performance Optimization:** Added trend and summary visualizations while optimizing SQL Server operations for high performance.
- **Error Handling:** Implemented robust mechanisms to manage API failures, ensuring reliable data availability.

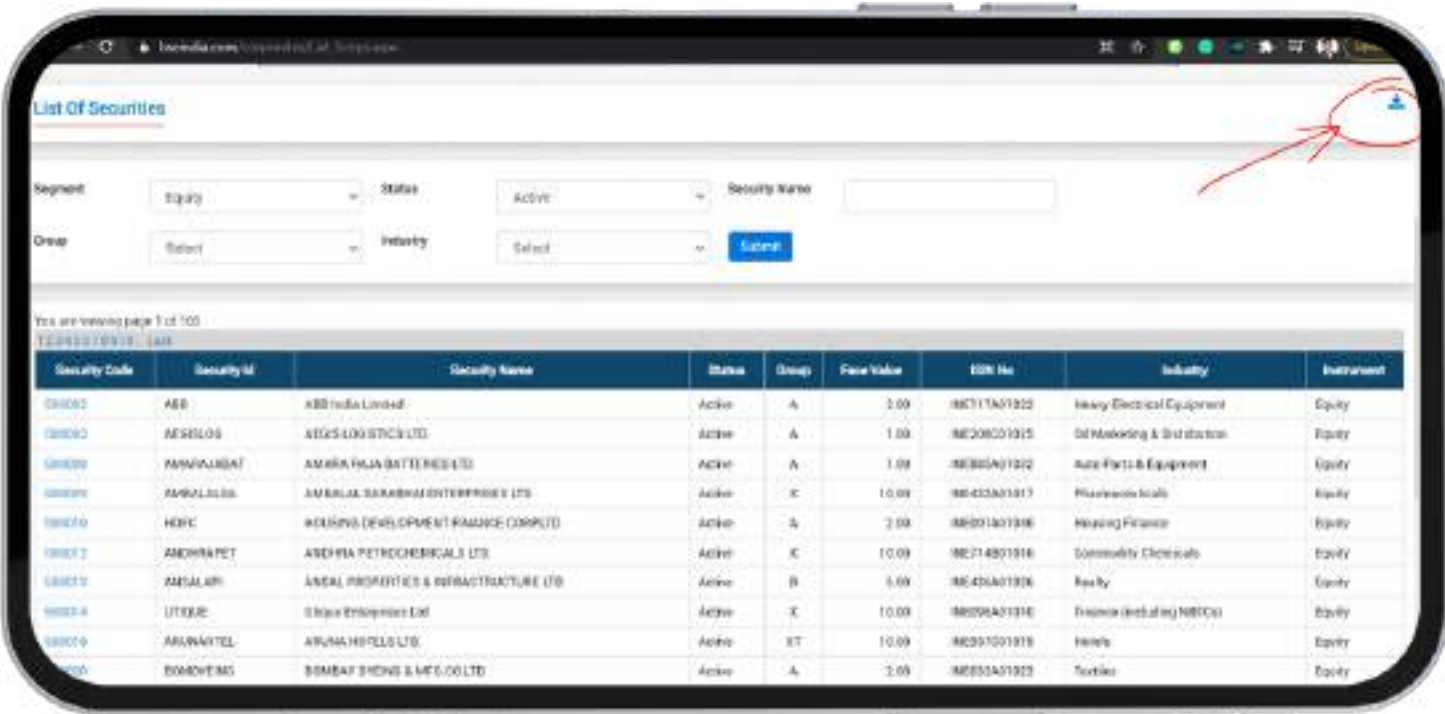
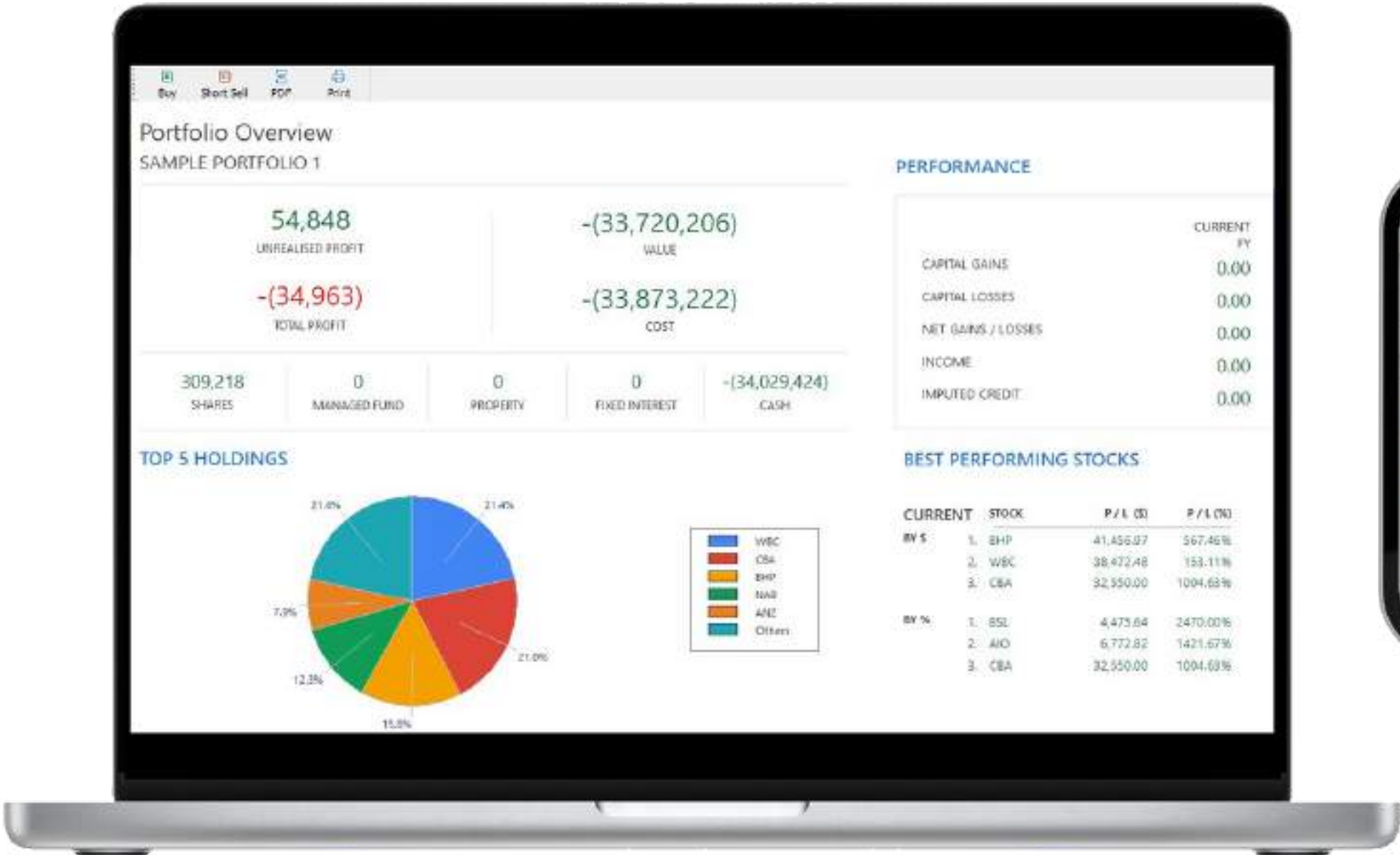
50K+

real-time data
requests

1000+

Stock Transactions
Processed Daily

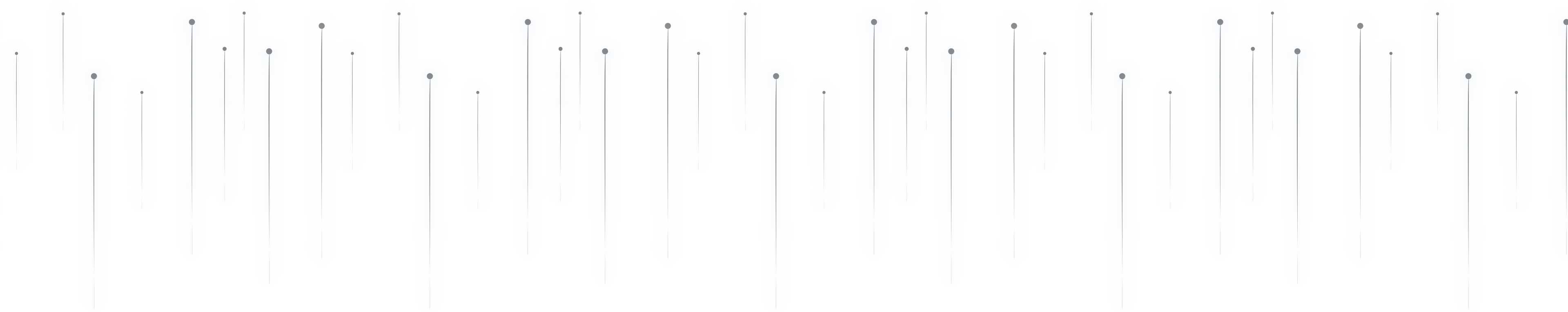
Model: Stock Management Application





Mobile Applications

Flutter | React Native | Swift | Kotlin



Model: Chatbot for elderly people



Customer:

With Japan's rapidly aging population, the elderly individuals in Japan will be the potential customers who often experience loneliness and social isolation due to their age.

Problem:

- Many elderly people in Japan face loneliness and declining mental health.
- They may not have family or friends nearby to talk to, which makes them feel isolated and sad.

Solution:

We created a chatbot "Carbot" uses computer vision and language models to understand users' emotions, and creates a human-like connection.

- **Facial Expression Recognition:** Uses a camera to monitor the elderly person's facial expressions to detect emotions and understand how the person is feeling.
- **Prompt Generation:** Sends emotions and context to the language model.
- **LLM Response:** The smart language model then creates a empathetic response.
- **Voice Interaction:** It Communicates with users through a natural voice.
- **Ongoing Engagement:** Continuously adapts conversations based on emotions.

60%

Reduced response time for inquiries

30%

Increases more client interactions daily

Delivered up-to-date product information consistently

Faster response times and accurate information increased client trust.

YapScan: Dog Recognition App



Customer:

A Pet insurance company In South Africa.



Project Details:

- **Duration:** 8 Months +
- **Technologies:** Flutter, Laravel, Angular, Socket.IO, SQLite

Problem:

- Recognizing individual dogs and identifying their correct owners is a difficult task.
- Identifying the Owners disowning their Dogs is a challenging task.
- Locating lost dogs can be time-consuming and complex.
- The current method uses microchips and collar tags that can get lost, taken off or stop working making it difficult to track dogs.

Solution:

We developed an AI-powered Mobile Application where we created:

- Easy Filling process
- Easy Scanning Process
- Quick Matching Process
- Hassle Free Re-union

400+

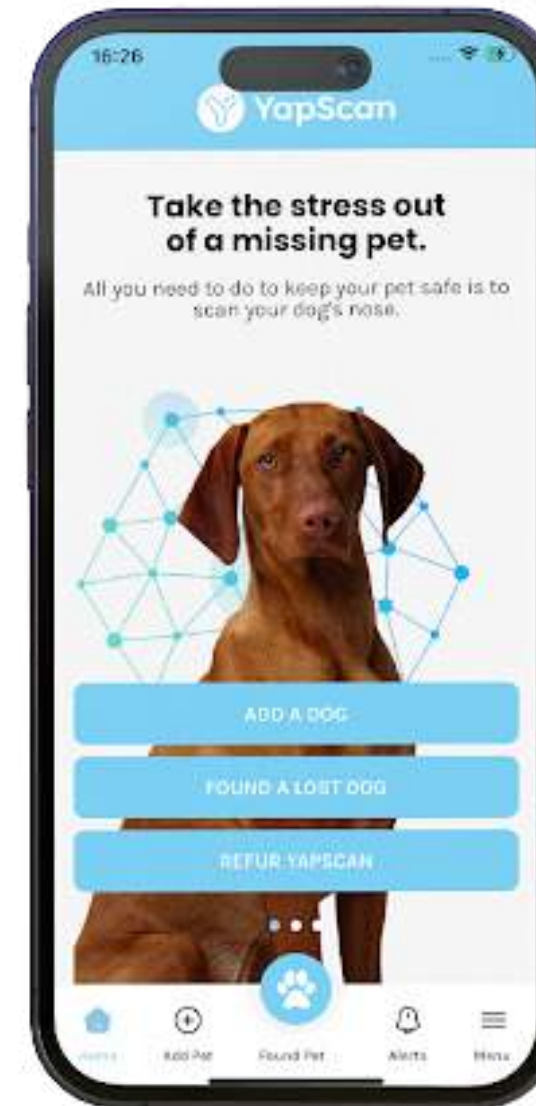
Downloads

High Rating

Positive
Feedback from
Users

Model: YapScan: Dog Recognition App

Application visuals of YapScan



[App link](#)

Coin Toss: Virtual Coin Flipping



Customer:

Individuals who need a simple, quick solution for decision-making without carrying physical coins.



Project Details:

- **Duration:** 8 Months+
- **Technologies:** Flutter, Laravel, Angular, Socket.IO, SQLite

Solution:

- Buying organic products often requires physical visits to multiple markets, causing inconvenience for both sellers and Buyers as the stock can be replenished.
- It was also challenging for users to go to the web version and purchase the items.

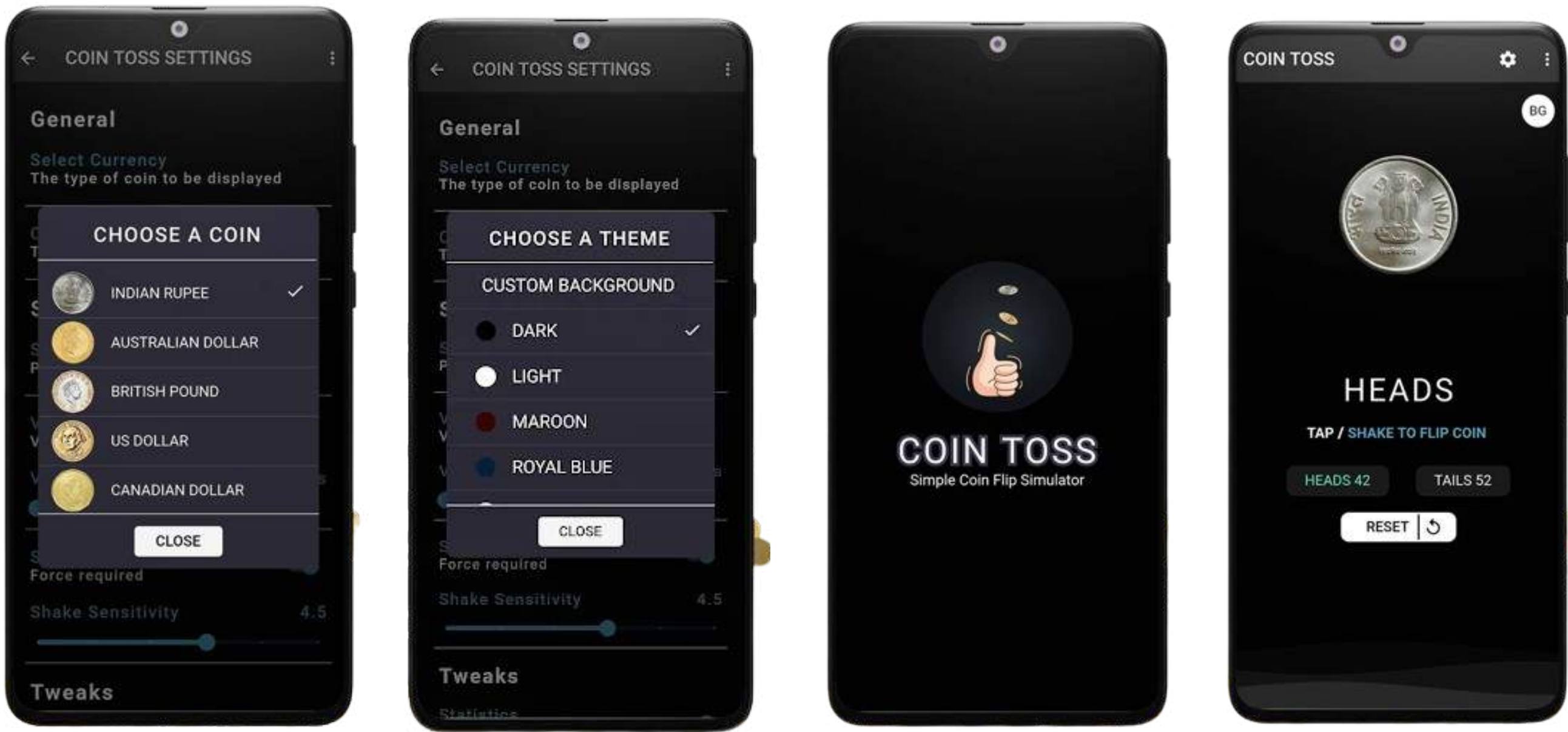
50K+

Downloads

High Rating

Positive
Feedback from
Users

Coin Toss: Virtual Coin Flipping



[App link](#)

Mobile App for organic products - E-Commerce



Customer:

One of the leading Australian farm specializing in organic farming, offering fresh produce.



Project Details:

- **Duration:** 8 Months +
- **Technologies:** Flutter, Laravel, Angular, Socket.IO, SQLite

Problem:

We developed a Mobile Application for leisure where one can do the following in absence of a real coin:

- Choose from different coins
- Pick various background themes
- Select unique sound effects
- Tap the coin or shake the phone
- Instantly get the result

Solution:

We developed an e-commerce Mobile Application that:

- Dynamically syncs with the Web version.
- The Application also shows the next availability of the item in case the item is finished.
- Dynamic Shipping cost calculation based on the Date/Time, Distance and the Availability of the item.

50K+

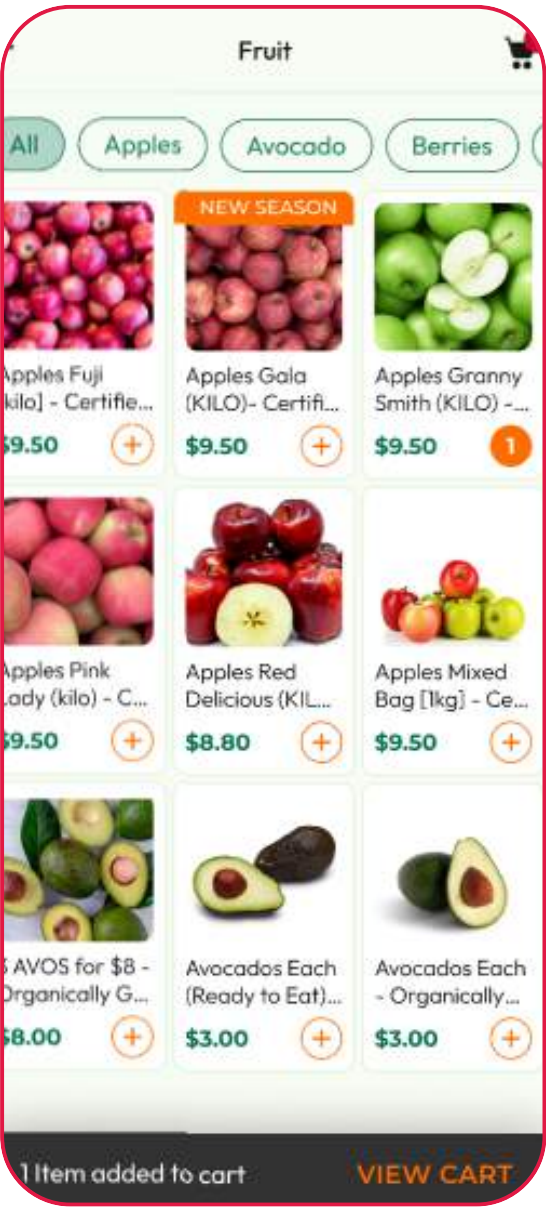
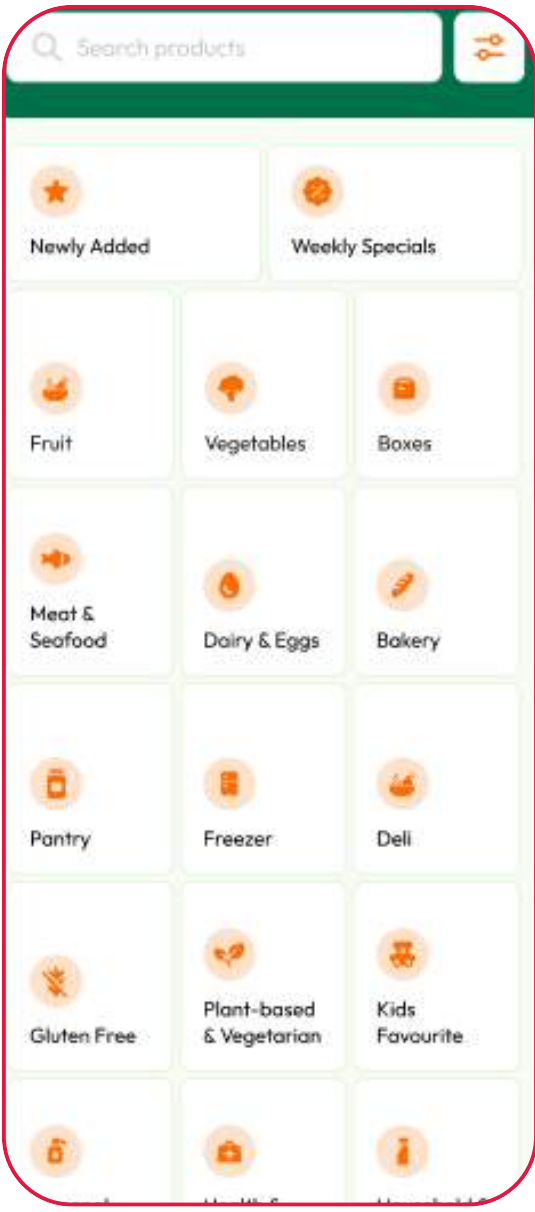
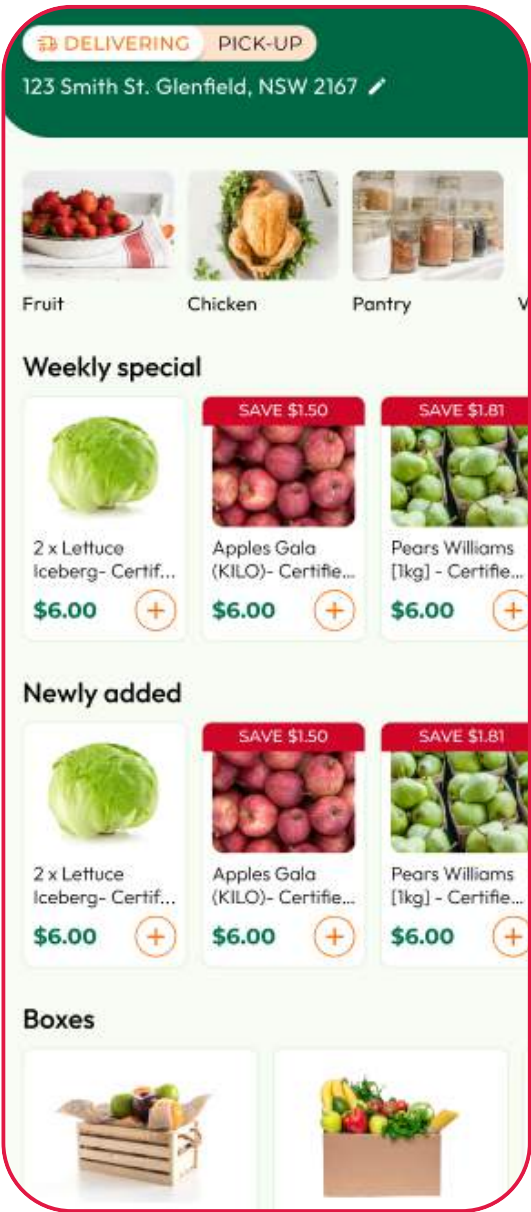
Downloads

High Rating

Positive
Feedback from
Users

Mobile App for organic products - E-Commerce

Application Visuals of the Farm Produce





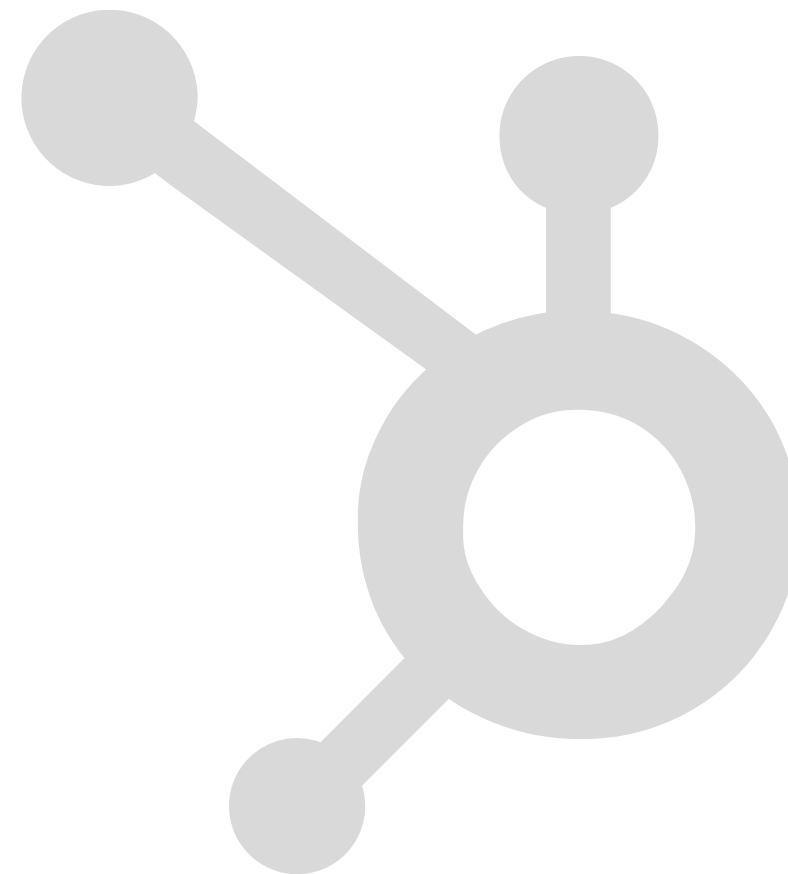
CMS Design and Development

UI/UX | Hubspot | Wordpress | WebFlow



Hubspot Development

**Custom Themes | CRM Integrations | Login Portals | Login Portals |
Programmable Workflows | Landing Pages | Email Templates | Blog**



Z Staffing



Customer:

Australia's #1 Childcare Staffing Company.

<https://www.zstaffing.com.au/>

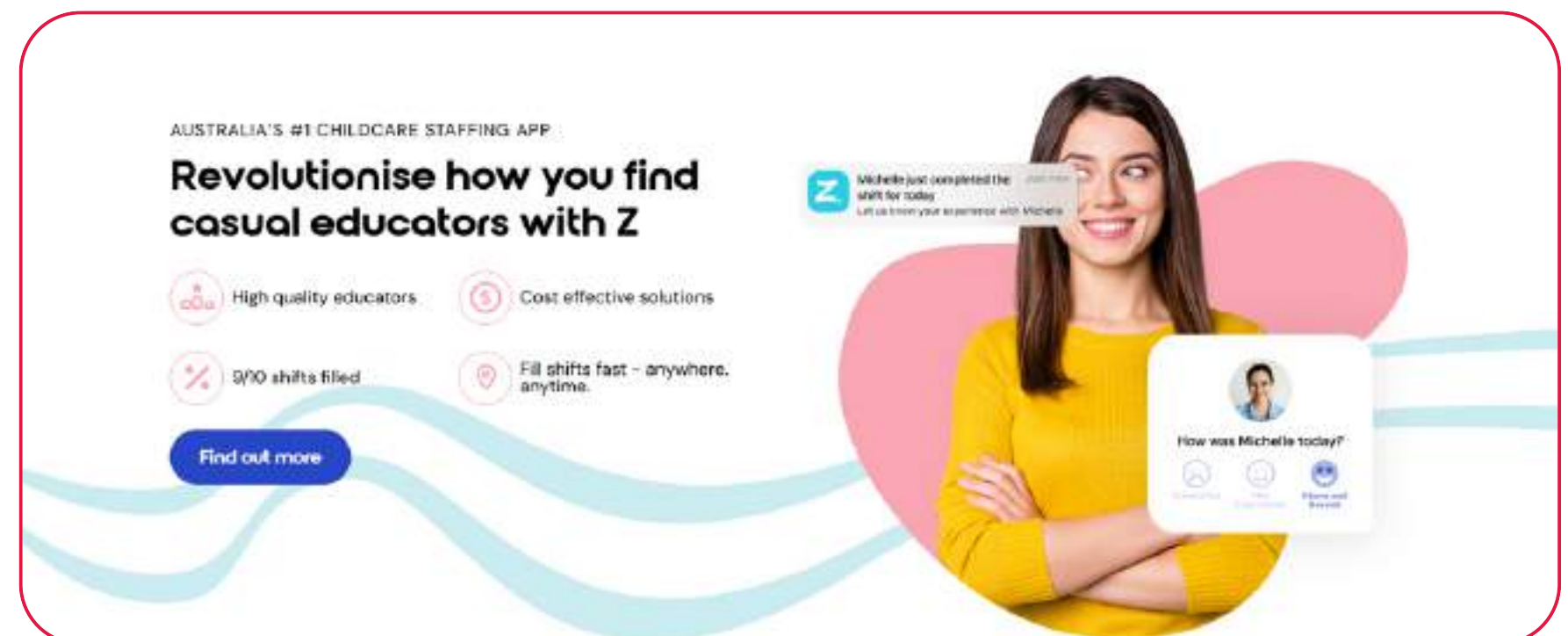
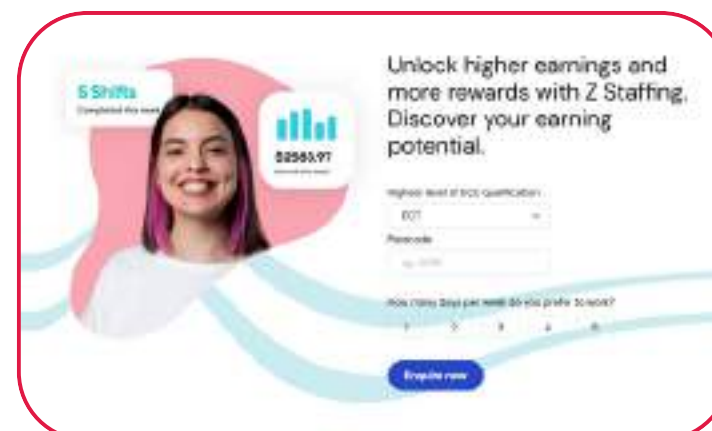


Project Details:

- **Duration:** 1 Month
- **Ui/Ux:** Figma
- **CMS:** Hubspot
- **Page Speed Score:** 90+

Requirements:

Z Staffing required a complete overhaul of their HubSpot website to align with their rebranding initiative. The goal was to create a sleek, modern, and responsive site that reflects their innovative brand identity and enhances user experience.



Listing Logic



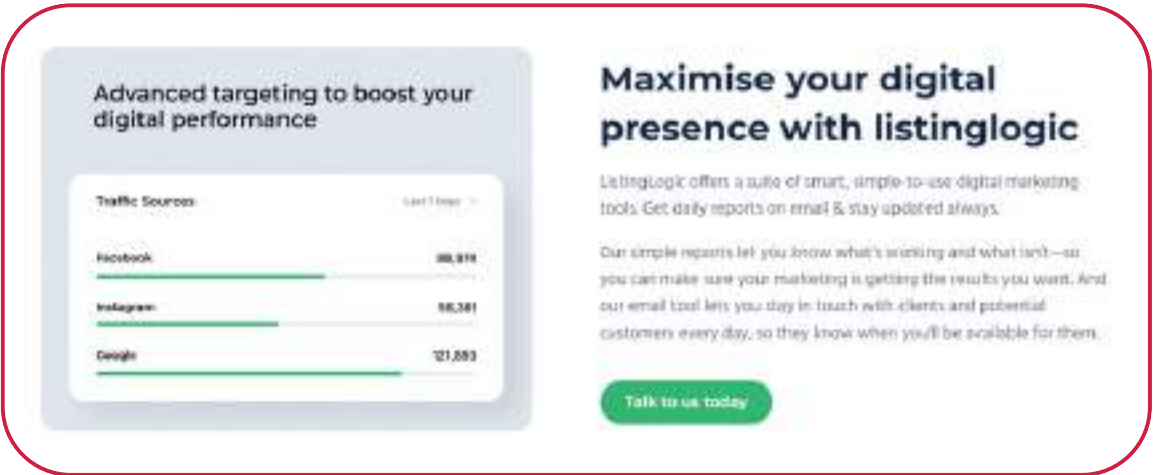
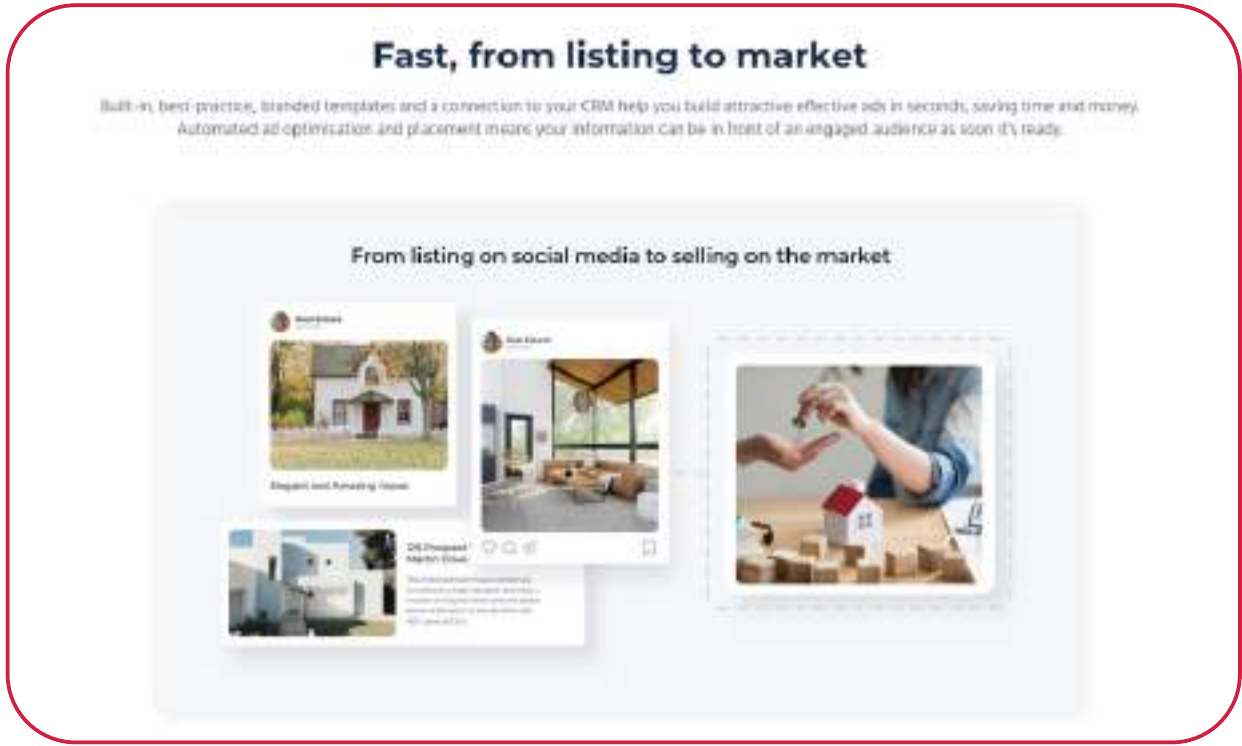
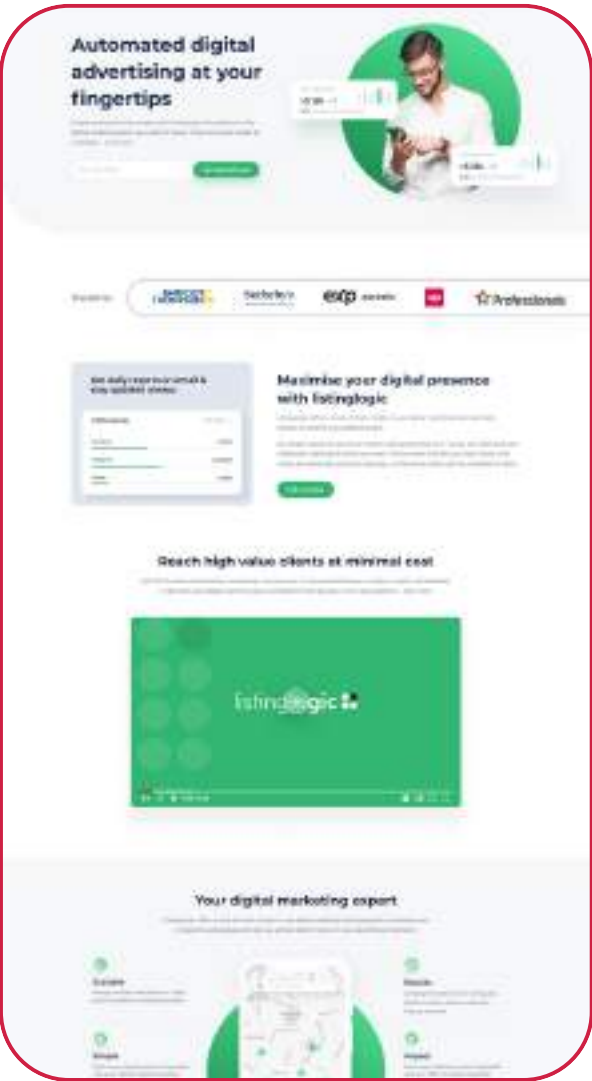
Customer:
Digital Marketing Agency
Website for Real estate.

Website Link



- Project Details:**
- **Duration:** 1.5 Month
 - **Ui/Ux:** Figma
 - **CMS:** Hubspot
 - **Page Speed Score:** 90+

- Requirements:**
- Migrate Website from Wordpress to Hubspot
 - Enhance SEO Performance





Customer:
A digital Marketing Agency in Australia.

Digital Marketing Agency with Guaranteed ROI | UNDIVIDED

UNDIVIDED is a leading digital marketing agency in Australia. We use neuroscience and data to drive measurable results and guarantee a 10% ROI boost in 20 days.

[undivided.com.au](#)

UNDIVIDED

The high-performance marketing agency

We're the integrated agency that shakes the silos. Media, memory and measurement — undivided. We combine human behaviour, insights, science and data to get you unparalleled results.

Attention seekers

THE CORE OF WHAT WE DO

UNDIVIDED MEDIA

We transform data into demand. Our expertise in audience strategy, media planning and full funnel performance integration ensure your campaign captures attention, drive action, and deliver unmatched media outcomes.

[LEARN MORE](#)

UNDIVIDED MEMORY

Our creative consultancy never guesses. It leverages the latest in neuro-planning & neuro-analysis technology to get your brand more attention and deeper brand memory adhesion in your audience mind.

[LEARN MORE](#)

UNDIVIDED MEASUREMENT

Say goodbye to ineffective marketing. Our next generation media effectiveness technology utilizes causal inference and machine learning. Our suite features ATL attribution, Accelerated MMM, 24/7 Incrementality & Forecasting to deliver unprecedented clarity and unparalleled performance.

[LEARN MORE](#)

20% PERFORMANCE INCREASE. IN 20 DAYS. OR YOU DON'T PAY A CENT.

UNDIVIDED

The high-performance marketing agency

We're the integrated agency that shakes the silos. Media, memory and measurement — undivided. We combine human behaviour, insights, science and data to get you unparalleled results.

UNDIVIDED MEDIA

We transform data into demand. Our expertise in audience strategy, media planning and full funnel performance integration ensure your campaign captures attention, drive action, and deliver unmatched media outcomes.

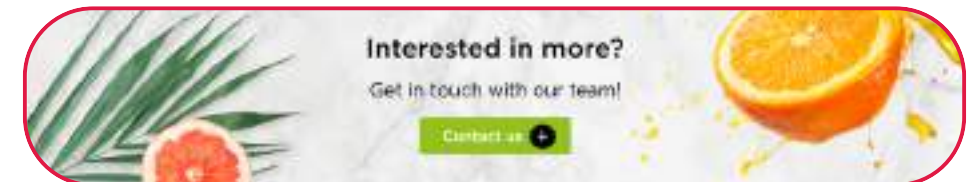
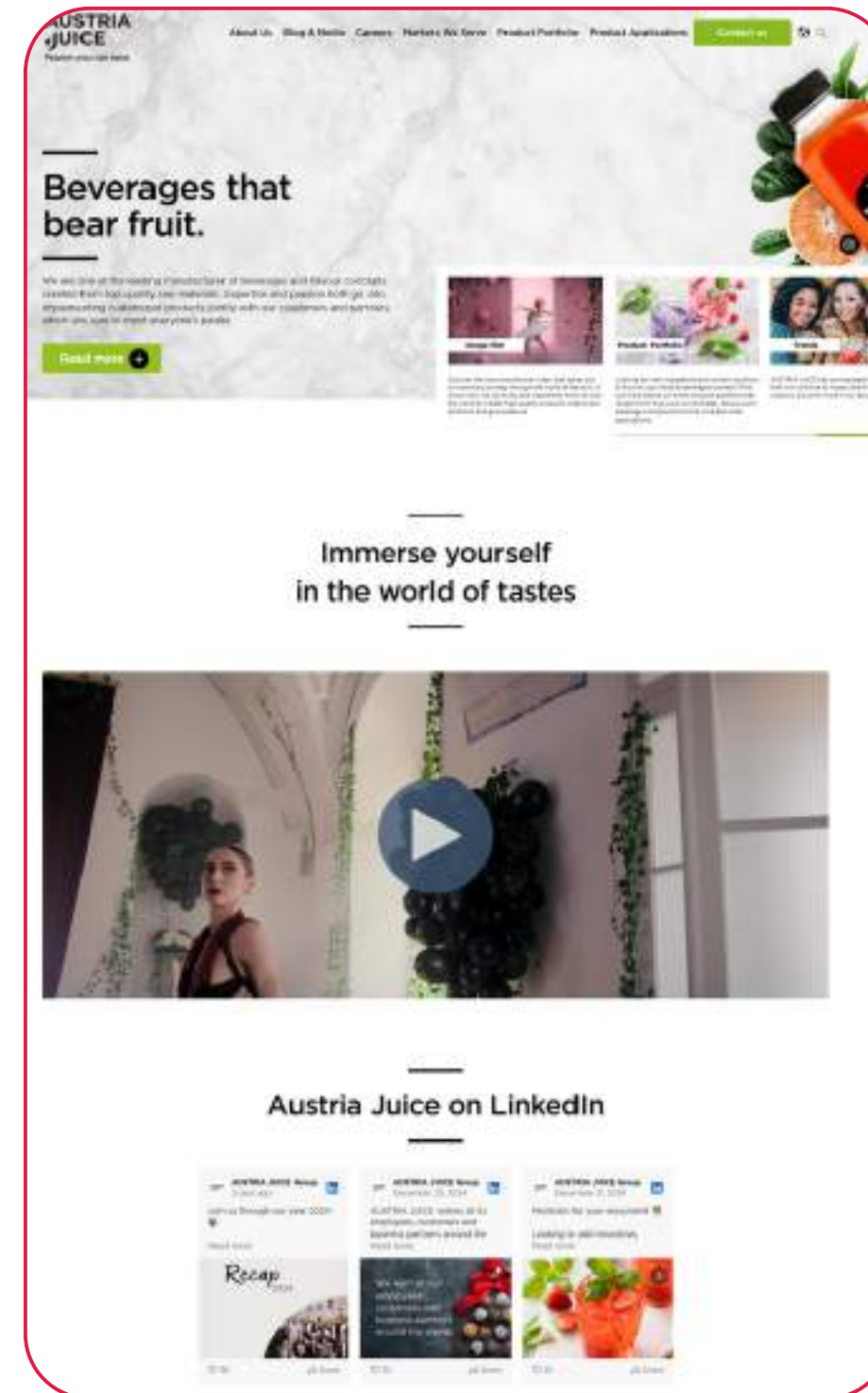
[LEARN MORE](#)

UNDIVIDED MEASUREMENT

Say goodbye to ineffective marketing. Our next generation media effectiveness technology utilizes causal inference and machine learning. Our suite features ATL attribution, Accelerated MMM, 24/7 Incrementality & Forecasting to deliver unparalleled clarity and unparalleled performance.

[LEARN MORE](#)

Austria Juice



Customer:

One of the leading manufacturers of beverages and flavor concepts.



Project Details:

- **Duration:** 1 Month
- **CMS:** Hubspot Custom Theme, JQuery, 3.js

WordBlu

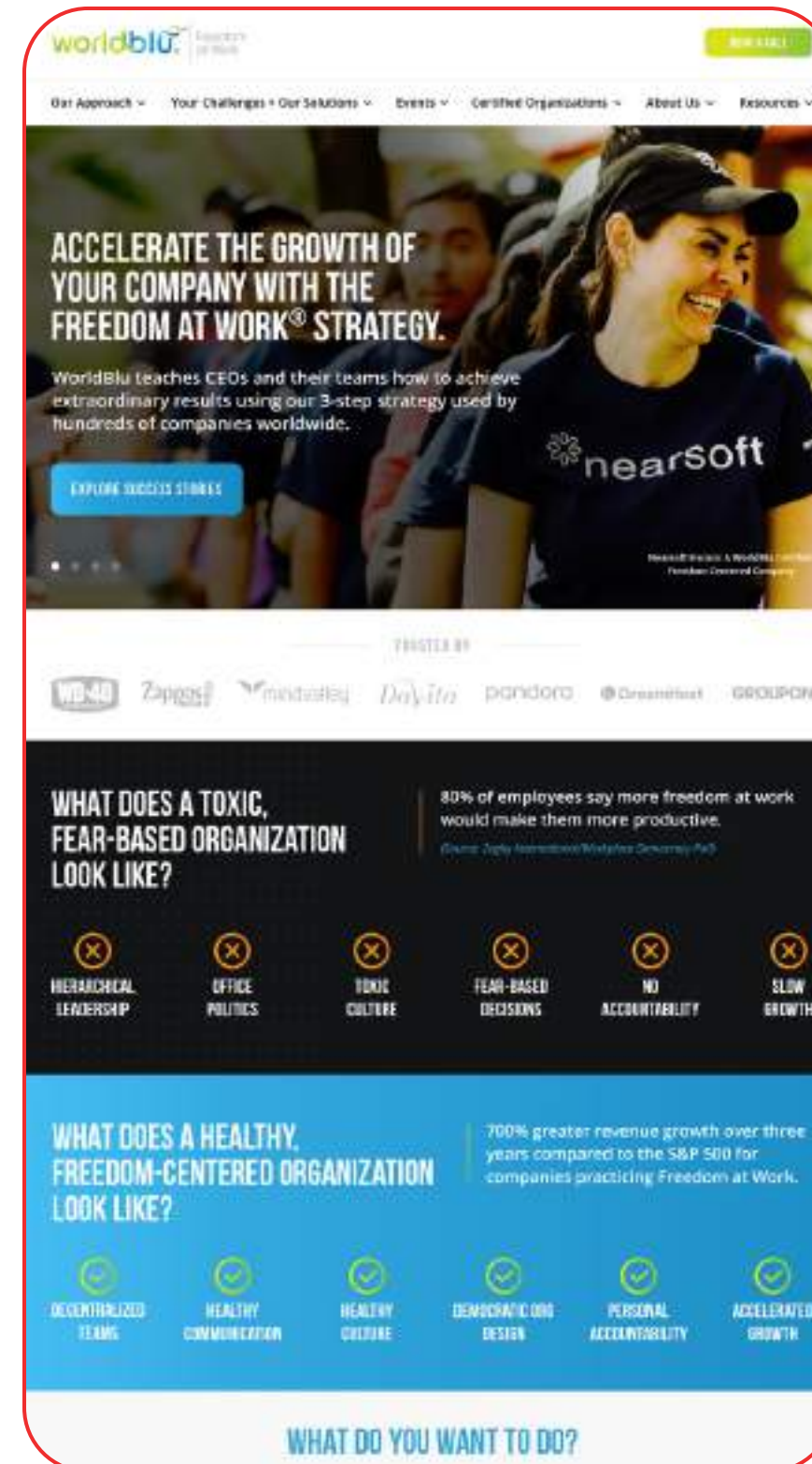


Customer:
Leadership & training consultant



Project Details:

- **Duration:** 1 Month
- **CMS:** Hubspot Custom Theme, JQuery, 3.js



Marcus Whitney



Customer:
Author Website



Project Details:

- **Duration:** 1 Month
- **CMS:** Hubspot Custom Theme, JQuery, 3.js



Marcus Whitney | Home

The website of Marcus Whitney: Entrepreneur, Investor, Author, Speaker and Athlete

marcuswhitney.com



Karaoglu



Karaoglu | Award Winning Landscape Company

Karaoglu Peyzaj operates nationwide as a landscaping company that provides full-service landscaping services to commercial and private properties.

karaoglu.com.tr/

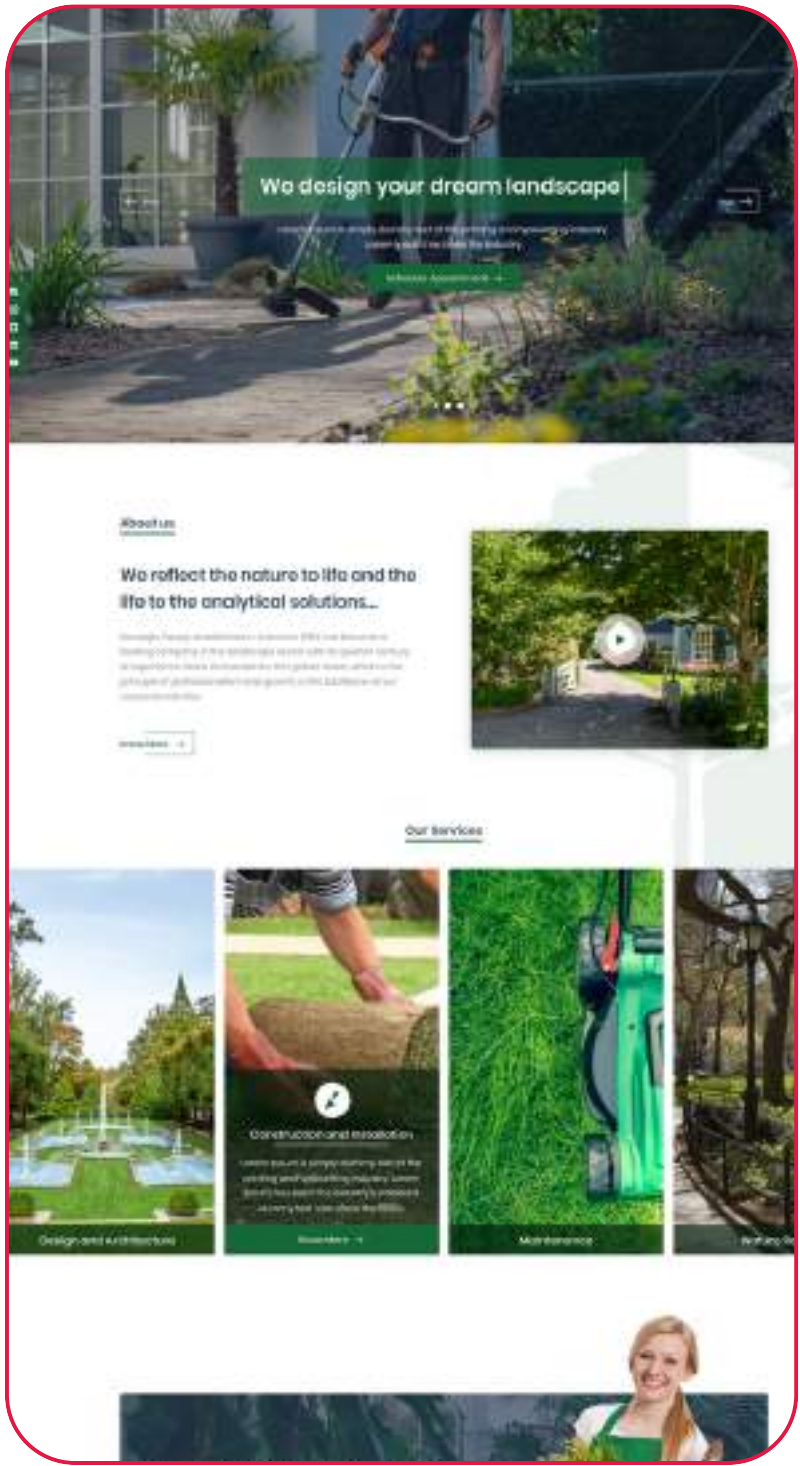


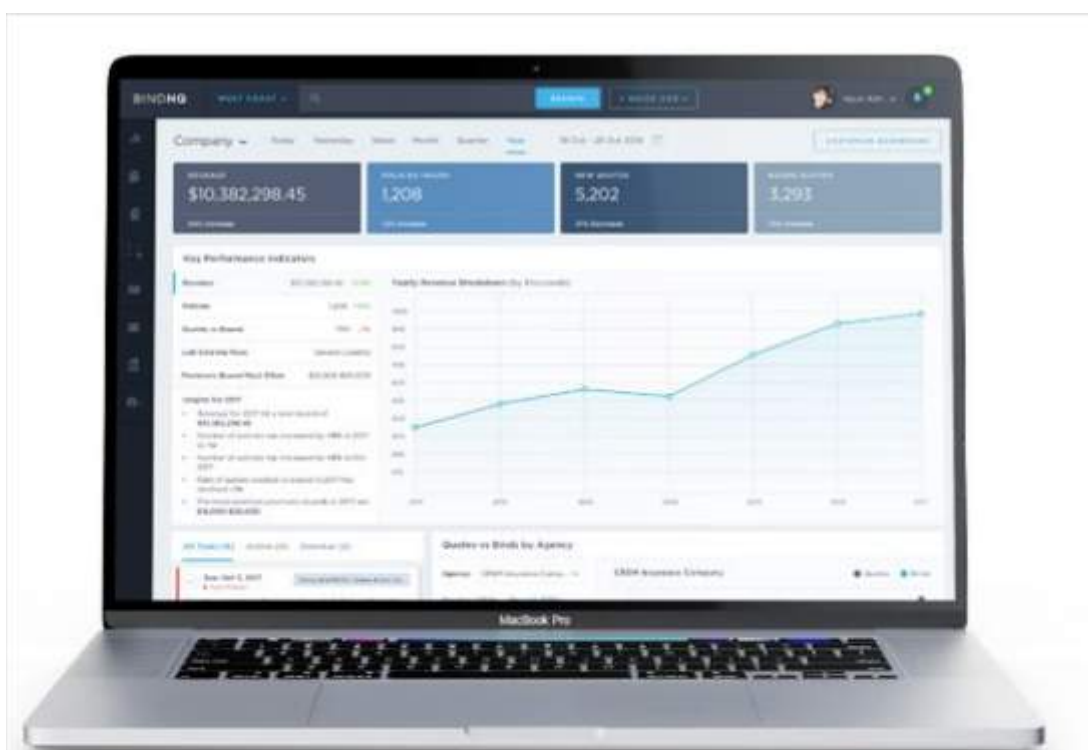
Customer:
Landscape agency



Project Details:

- **Duration:** 1 Month
- **CMS:** Hubspot Custom Theme, JQuery, 3.js





The Agency Management System for MGAs

#1 Most Innovative Insurance Agency Management System - for MGAs, MGUs, Wholesalers. Underwriting, Policy Management, Issuance, Compliance & Accounting

bindhq.com

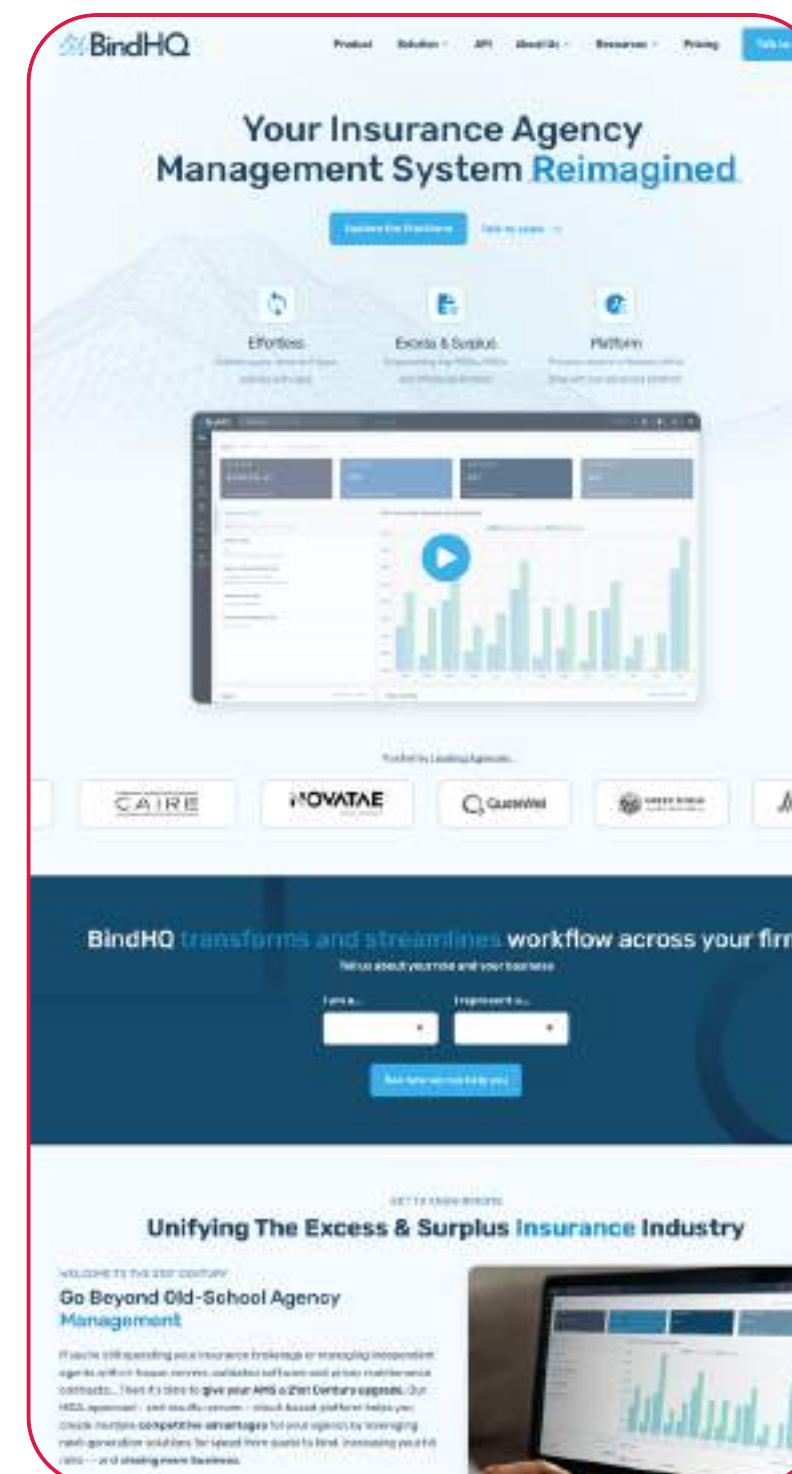
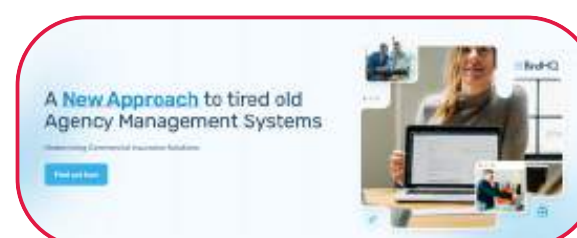


Customer:
Agency management system



Project Details:

- **Duration:** 1 Month
- **CMS:** Hubspot Custom Theme, JQuery, 3.js





Unify entire operations with HubSpot CRM

Mobile scraperapi base. cloudflight shoper

MAN Digital - HubSpot & RevOps Agency

Unify teams, processes and data in one HubSpot Smart CRM you can scale on.

man.digital



Customer:
Growth Revenue Agency



Project Details:

- **Duration:** 1 Month
- **CMS:** Hubspot Custom Theme, JQuery, 3.js

Get on the long-term growth trajectory

BEFORE	AFTER
• Multiple service providers are used for each step	• One provider for all services and all marketing
• Too much time spent on manual tasks	• Easy to scale up and down
• Applying for new services is a tedious process	• All services are integrated into one system

Custom HubSpot Implementation

Business goals and objectives

• Custom CRM setup	• Custom CRM setup
• Custom CRM setup	• Custom CRM setup
• Custom CRM setup	• Custom CRM setup
• Custom CRM setup	• Custom CRM setup
• Custom CRM setup	• Custom CRM setup
• Custom CRM setup	• Custom CRM setup
• Custom CRM setup	• Custom CRM setup
• Custom CRM setup	• Custom CRM setup
• Custom CRM setup	• Custom CRM setup
• Custom CRM setup	• Custom CRM setup

System Integration

Get a clear business overview with all tools connected to HubSpot. Bye-bye, high costs of juggling multiple systems. Hello, smooth workflows and teams' handovers.

We will

- ✓ Sync all tools with HubSpot
- ✓ Centralise data storage
- ✓ Build one source of truth for your teams

Services Customer Stories Pricing Resources

Build Revenue Engine For Your Company

We help B2B companies with long sales cycles launch strategies, tactics, and operations for repeatable revenue growth.

Book A Strategy Call

TRUSTED BY

PerfectGym cloudflight BaseLinker REPRISE Tutlio

• **PROBLEM**

Growth playbooks that worked in the past don't cut it anymore.

Marketing burns money on lead-gen campaigns with contacts who will never buy from you.

Your outbound doesn't reach prospects due to tightened Google and Outlook security.

Lead acquisition is too slow and expensive.

• **SOLUTION**

Adapt your strategies to the new GTM landscape and achieve reliable growth.

We jump into your strategies and CRM, identify growth levers, and launch integrated campaigns to grow the pipeline that converts into revenue. Repeatedly.

Pipeline and revenue

Customer acquisition cost

Revenue

Dual



DUAL Australia

DUAL Australia is an unaffiliated, specialist underwriting agency that provides simple, innovative insurance solutions to the mid-market

 dualinsurance.com



Customer:
Underwriting Agency



- Project Details:**
- **Duration:** 1 Month
 - **CMS:** Hubspot Custom Theme, JQuery, 3.js

Benefits of the WebRater

Our innovative online rating platform will generate a quote and bind a policy for over 1000 occupations across 12 products for Financial Lines, Accident & Health and Liability.



Functionality focused on CLIENTS not Products



Over 1000 Searchable Occupations



Bind Multiple Policies SIMULTANEOUSLY



User Management FUNCTIONALITY

[Sign Up Now](#)


Search for your New Position

[Apply Filter](#) [Reset](#)

Underwriter
Sydney
[More Information](#)

Senior Financial Lines Underwriter
Sydney
[More Information](#)

Assistant Underwriter (12 month contract)
Sydney
[More Information](#)



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Expert underwriting. It's what we do.


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[See notable insights](#)


Helping you do more.

From sophisticated dual business cover to dynamic approaches for more complex clients, we support you to meet your clients' needs and grow your portfolio. Specialty products include Financial Lines, Accident and Health, Cyber General Liability and Transactional General Insurance.


We're here to help you build a successful underwriting, with your business partners.




Financial Lines




Accident & Health




General Liability




Cyber Liability




Transactional General



Experts in the market



\$335m GWP



160+ employees Austral

Local expertise

With over 160 employees across Australia, we can offer access to expert underwriting across our offices in Sydney, Melbourne, Brisbane and Perth, with all deep sector knowledge, with 30+ insurance products in Australia and many more. At Dual, we are proud to deliver specialist underwriting expertise across a range of sectors. With several new product lines added to Australia this year, we continue to grow and evolve our offering, working you to develop products that support the demands of this ever-evolving industry.

Our distribution network

ChallengeU



Because Educational Equity Matters

"ChallengeU is an Ohio-based non-profit online community school serving students from grade 9 to 12. Our core focus lies in providing a transformative education experience to youth from 14 to 21 years-old,...

 challengeu.com

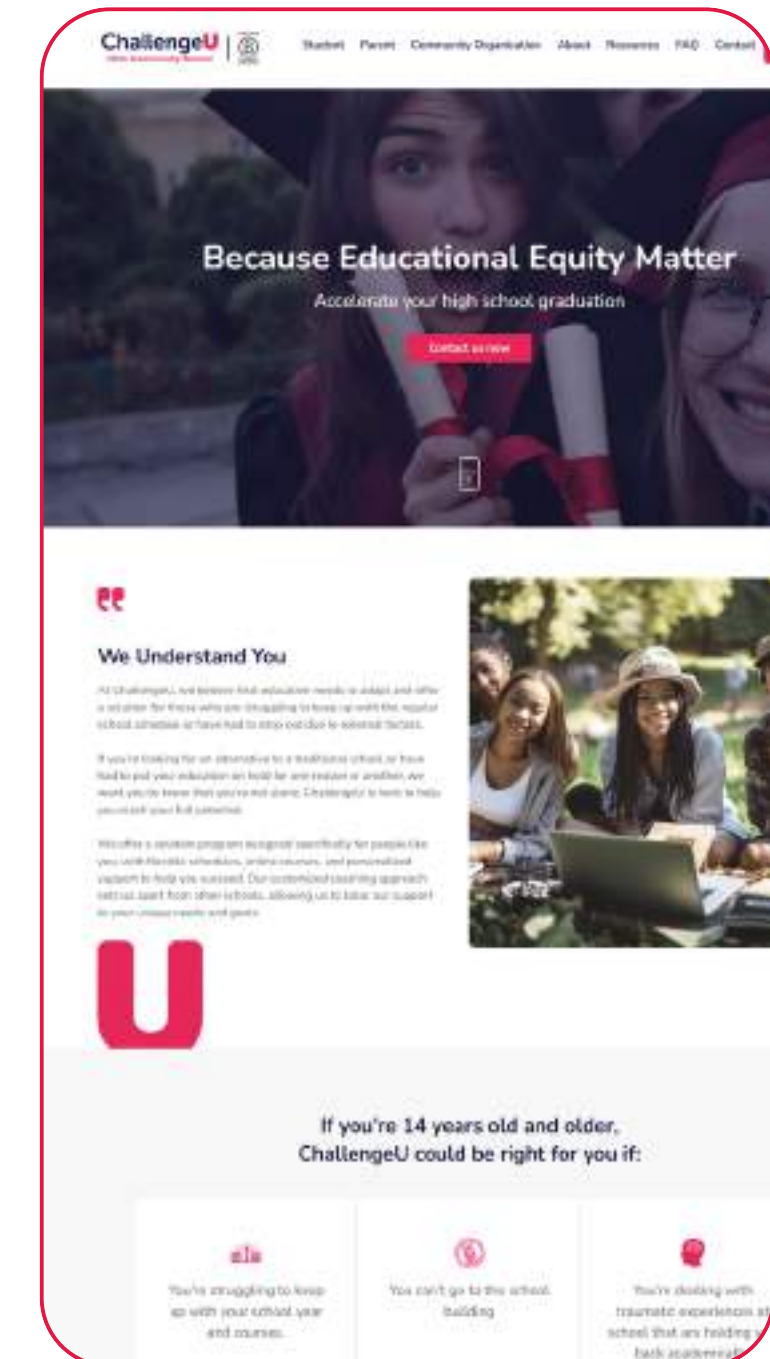


Customer:
Personalized Education Provider

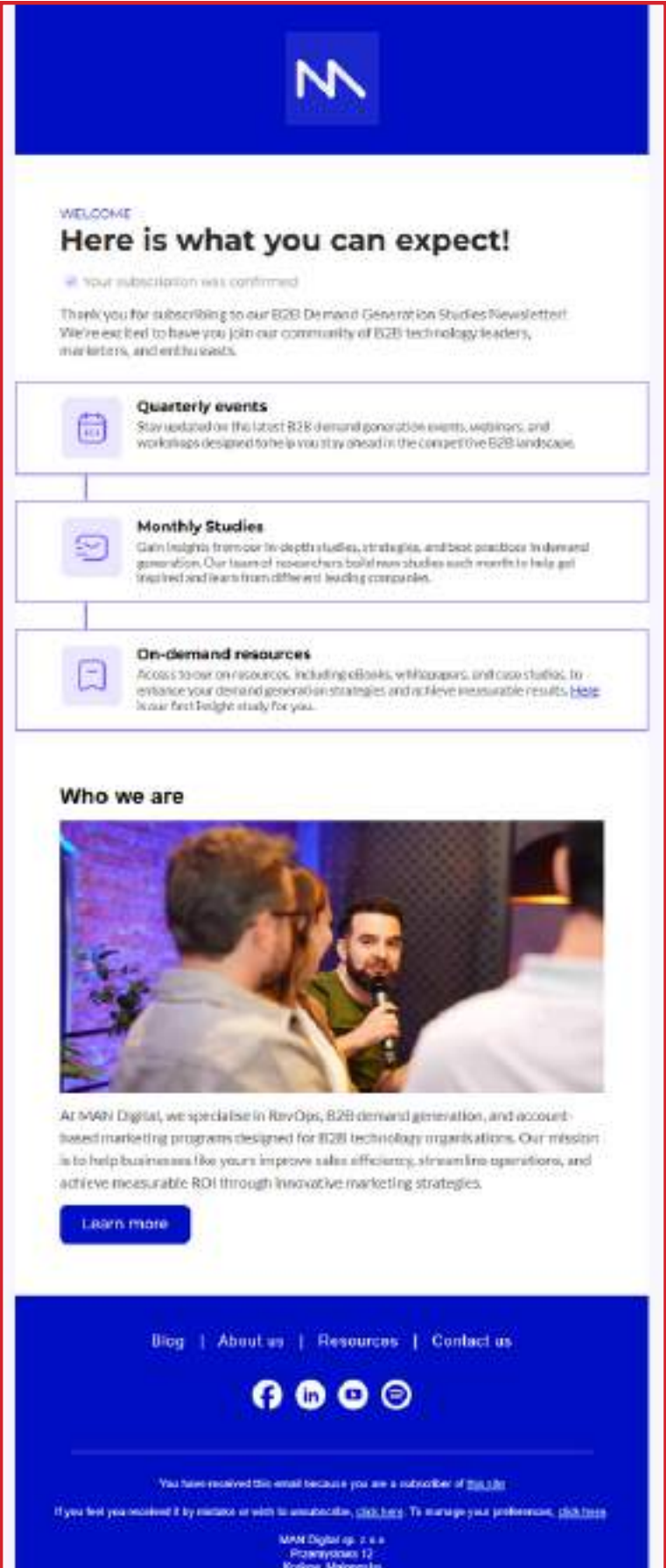


Project Details:

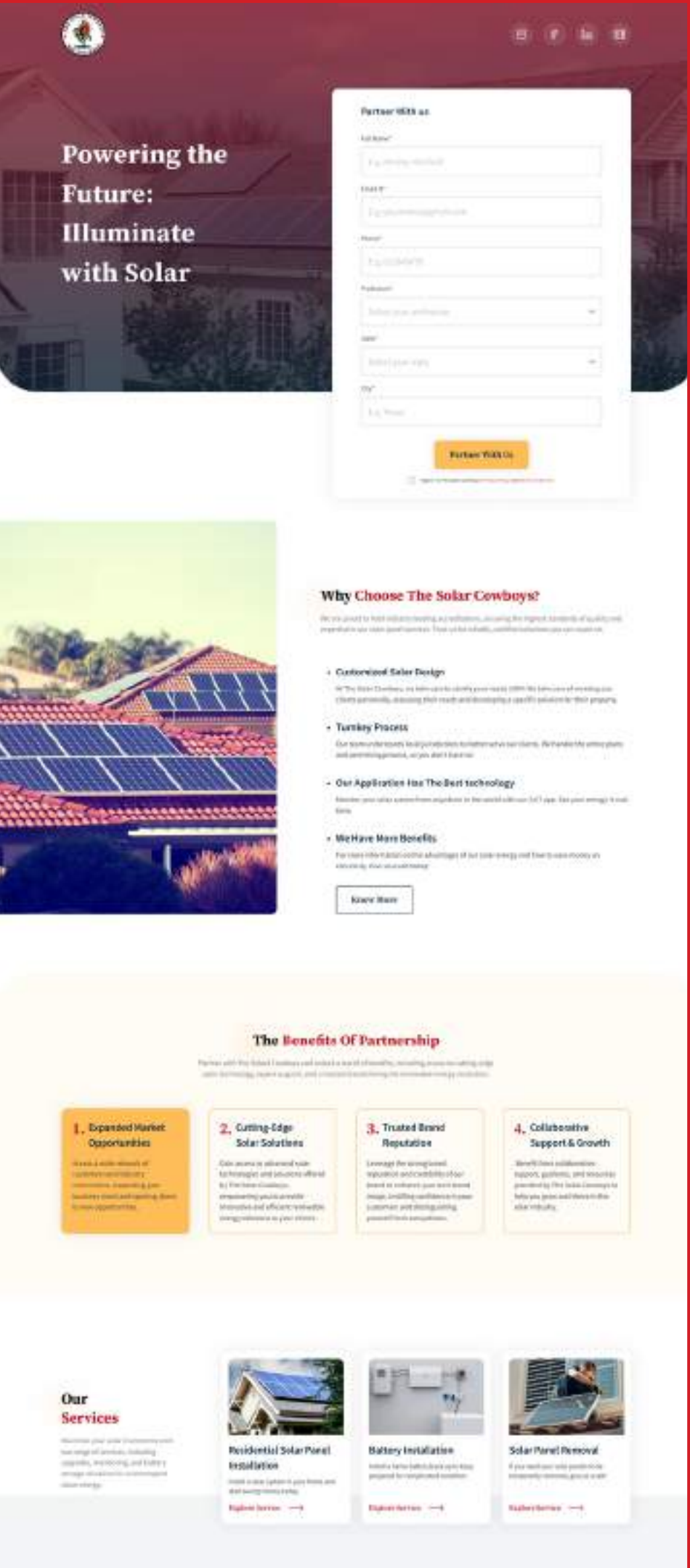
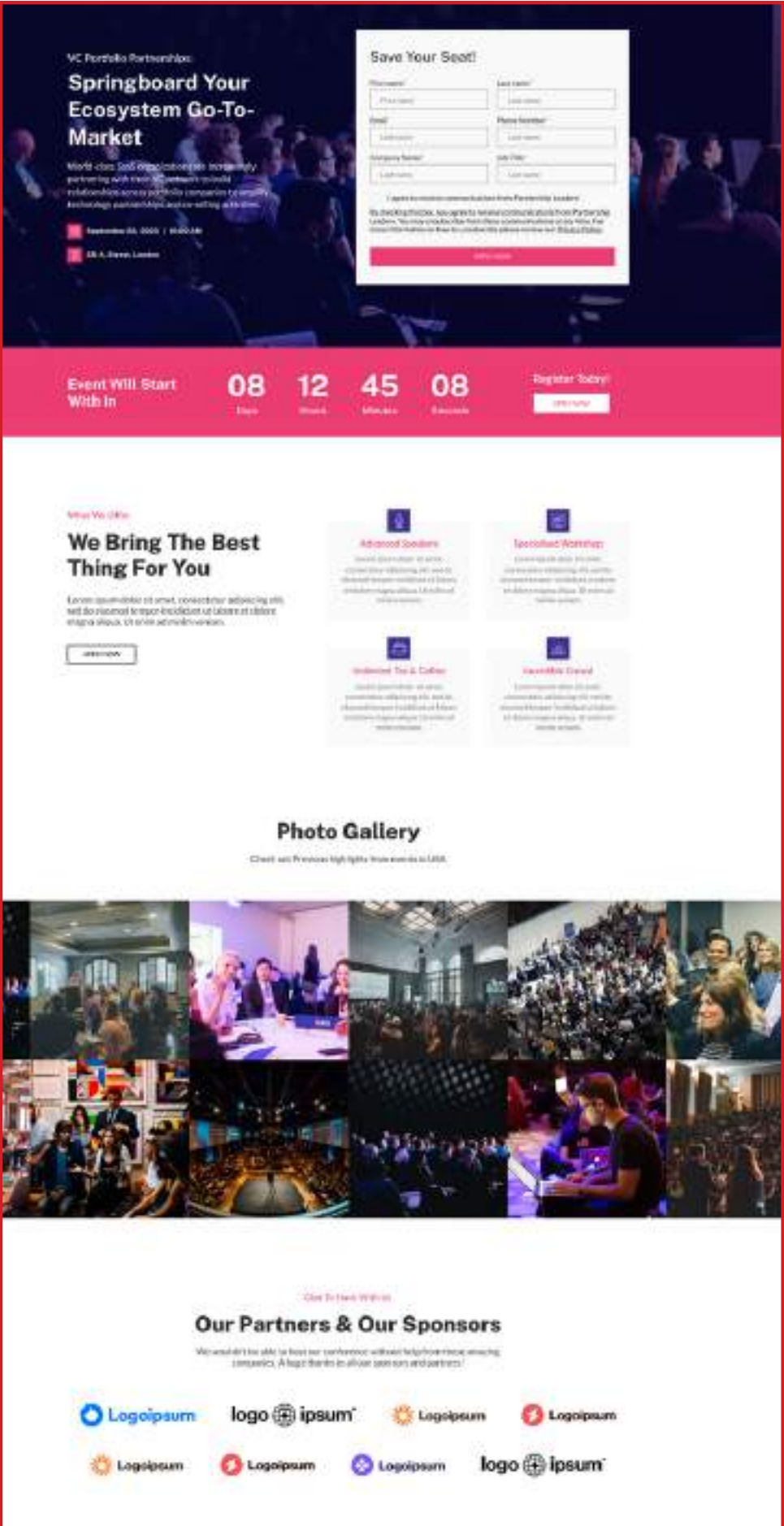
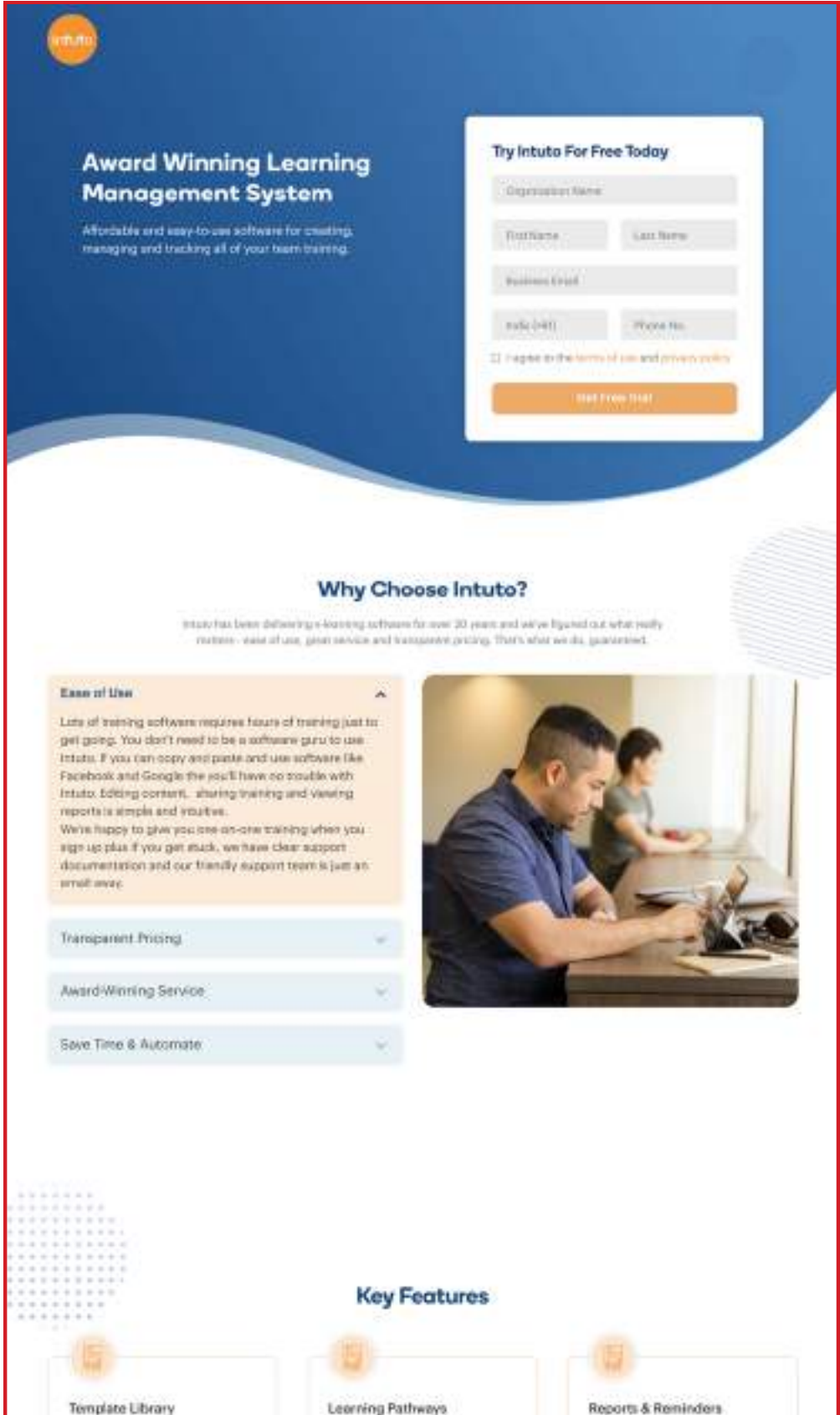
- **Duration:** 1 Month
- **CMS:** Hubspot Custom Theme, JQuery, 3.js



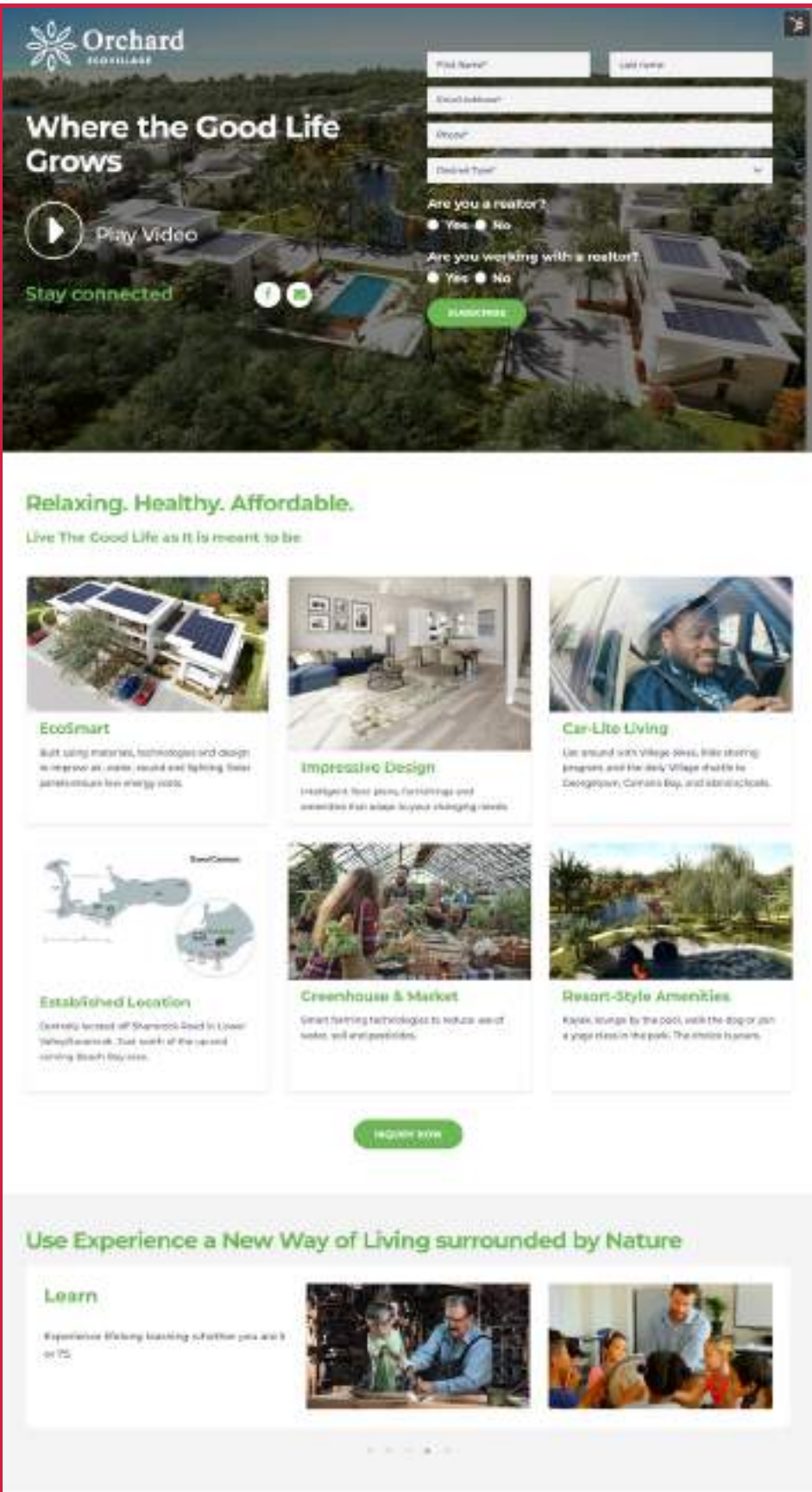
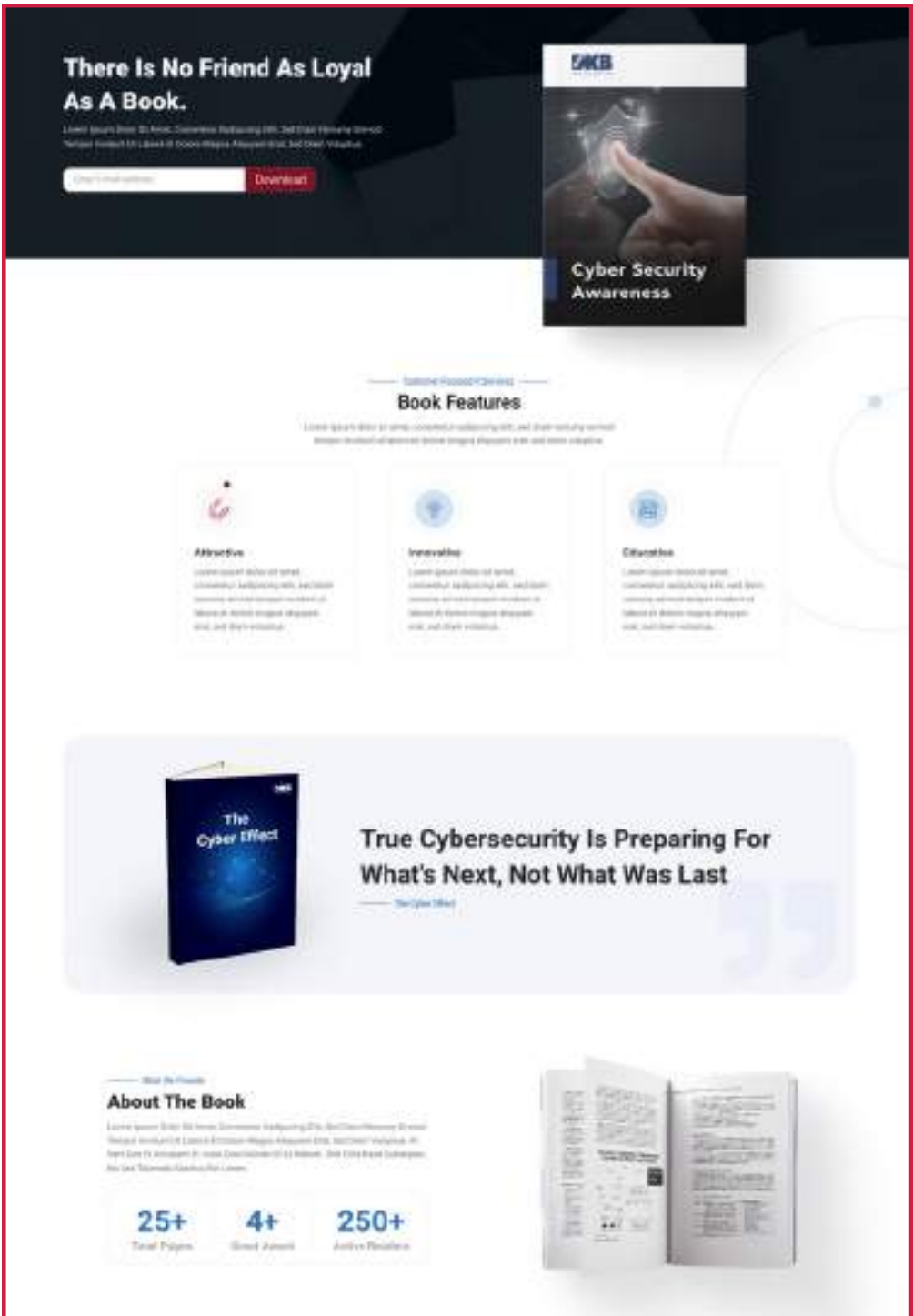
Email Templates



Landing Pages



Landing Pages



HubSpot, Clickup and Smartsheet Integration



Automated Integration of HubSpot, ClickUp, and Smartsheet for Seamless Task and Data Synchronization.

- Integrated HubSpot custom objects with ClickUp to auto-create tasks based on HubSpot event changes (task creation, updates, deletions, and property value changes).
- Enabled bi-directional synchronization between HubSpot and ClickUp for seamless task and data updates.
- Synchronized ClickUp tasks with Smartsheet to maintain consistent data flow across platforms.
- Utilized HubSpot webhooks, Laravel, and Make to automate and optimize the entire integration process.

HubSpot, Clickup and Smartsheet Integration



Release Project

ListBoardBoxAdd view

ISSUES FOUND	TRACKED	ASSIGNEE	DUE DATE	STAGE	PRIORITY
Update contractor agreement				INITIATION	
Plan for next year				INITIATION	
How to manage event planning				PLANNING	

REVIEW

Budget assessment				PLANNING	
Finalize project scope				EXECUTION	
Gather key resources				INITIATION	
Resource allocation				EXECUTION	

READY



ContactsConversationsMarketingSalesServiceAutomationReports

OpenNewest

Assignee

Search

Sarah Gomez

Sarah Gomez

Sarah Gomez

Tom Sullivan

Juan Miller

Alicia Debrune

Sarah Gomez: 5:25 PM

Elise Beck: 5:25 PM

Elise Beck: 5:25 PM

Elise Beck: 5:25 PM

About this contact

Email

Phone number

Contact owner

Last contacted

Lifecycle stage

Lead notes



Data Synchronization between HubSpot and SFTP Server



Implemented a Laravel-based service designed to facilitate the synchronization of data between an SFTP server and Hubspot. The primary goal is to maintain up-to-date and accurate records for customers, attendance, events, seasons, and tickets by automating data collection, processing, and synchronization tasks on a daily basis.

Technologies Used:

Backend: Laravel framework

Database: MySQL (for intermediate data storage and processing)

File Transfer: SFTP for secure data collection

Queue Management: Laravel Queue Jobs for efficient data synchronization

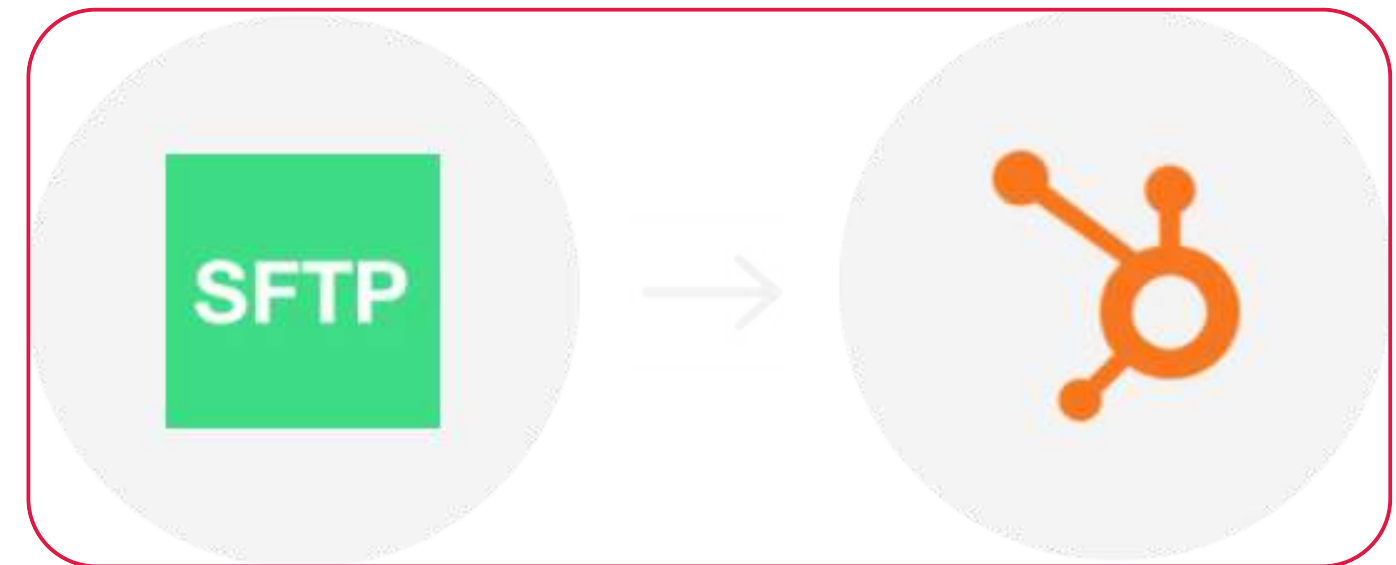
Integration: Hubspot API for updating records

Data Synchronization between HubSpot and SFTP Server



Key Features:

- **Data Collection:** Securely fetches new files daily from an SFTP server.
- **Data Processing:** Identifies unique records, updates existing ones, and uses a database for temporary storage.
- **Data Synchronization:** Sends processed data to HubSpot via Laravel Queue Jobs for efficient updates.
- **Automation:** Fully automated and scheduled for daily execution.
- **Scalability:** Handles millions of records with a modular design for future enhancements.



Cliniko to HubSpot Integration



Implemented a one-directional integration from Cliniko to HubSpot using Python, hosted on Replit. The integration syncs patient data to HubSpot contact records and appointment data to HubSpot deal records.

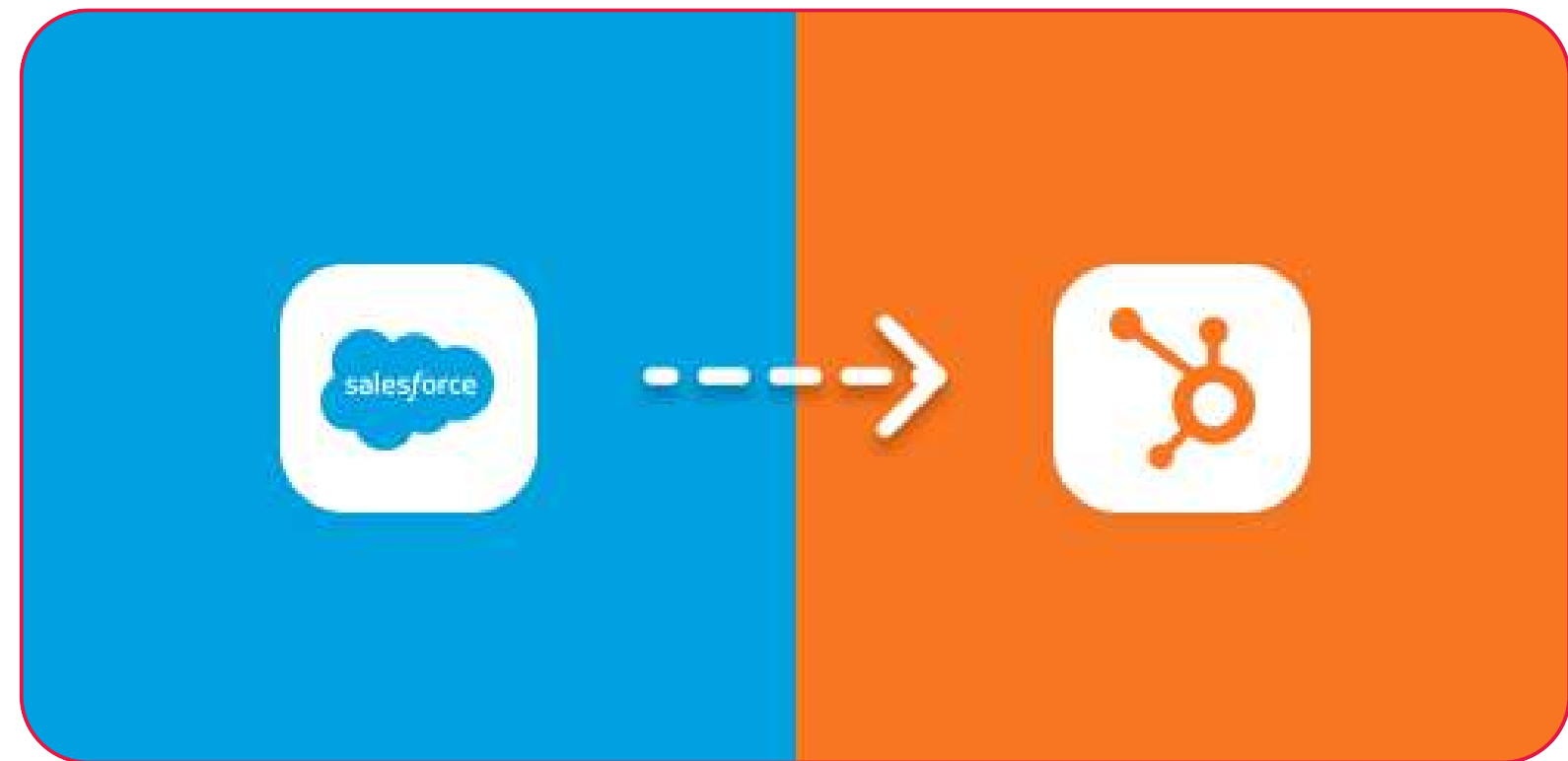
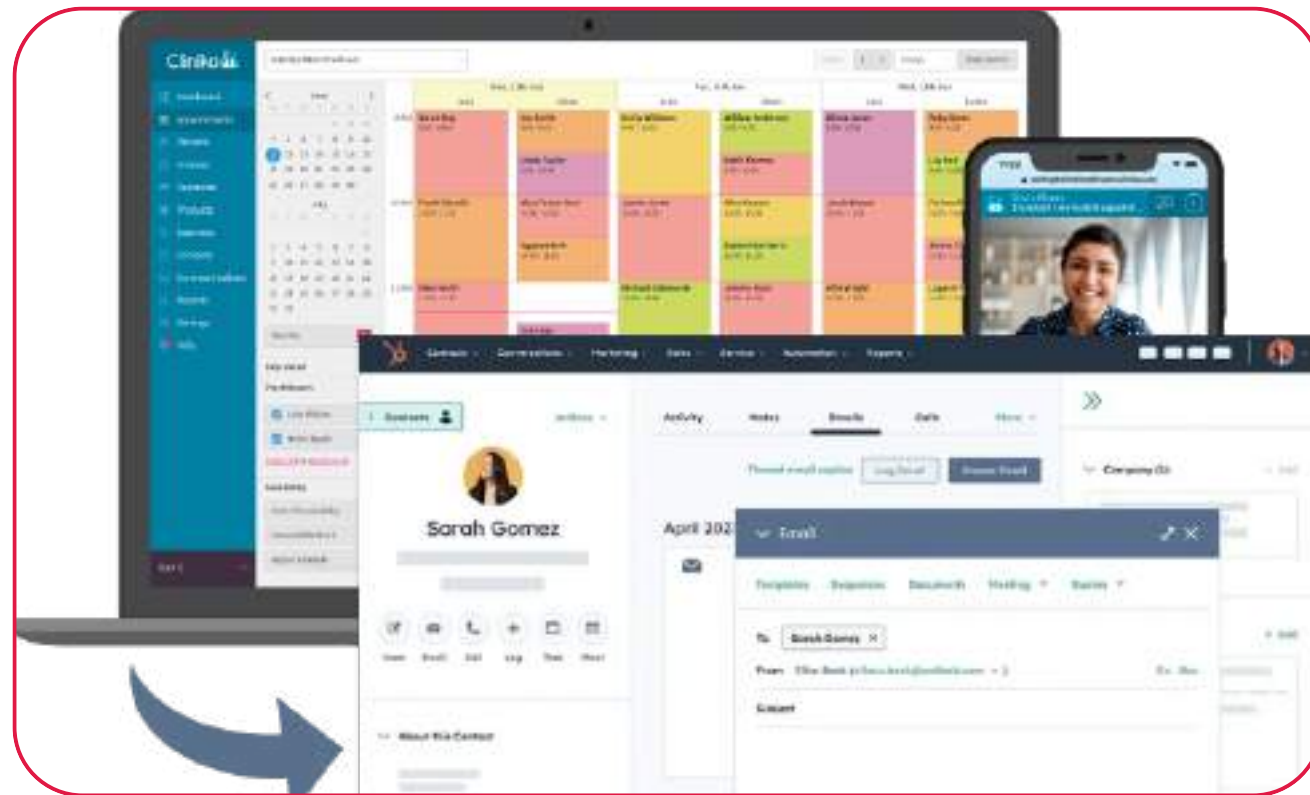
APIs Utilized:

- Cliniko API: For fetching patient and appointment data.
- HubSpot API: For creating and updating contact and deal records.

Salesforce Marketing Cloud to HubSpot

- Integrated the form submission from the Salesforce marketing cloud and synced all the data coming in Salesforce through the 5 different education sites to HubSpot by creating different workflows for all user journeys.
- Developed programmable emails for making the email process easier with follow-up emails such as enquiry follow-up, workforce training post enquiry etc.
- Identified the active campaigns, and emails by triggering events in the workflow.

Cliniko to HubSpot Integration



MyCRM to HubSpot and Agentbox to HubSpot Integration



Built a Laravel-based integration to enable one-way syncing from MyCRM and Agentbox to HubSpot. Using API connections, data is pulled, queued for processing, and pushed into HubSpot while ensuring data uniqueness.

Process Flow

- Data Pulling:
 - Fetched data from MyCRM and Agentbox via APIs.
 - Implemented a queue structure to process data chunks, ensuring contact uniqueness in the database.
- Data Pushing:
 - Synced data to HubSpot while verifying email-based uniqueness.
 - Established associations between deals, deal splits, and contacts in HubSpot.
 - Stored HubSpot record IDs in the database for efficient updates.

MyCRM to HubSpot and Agentbox to HubSpot Integration



Agentbox



HubSpot CRM

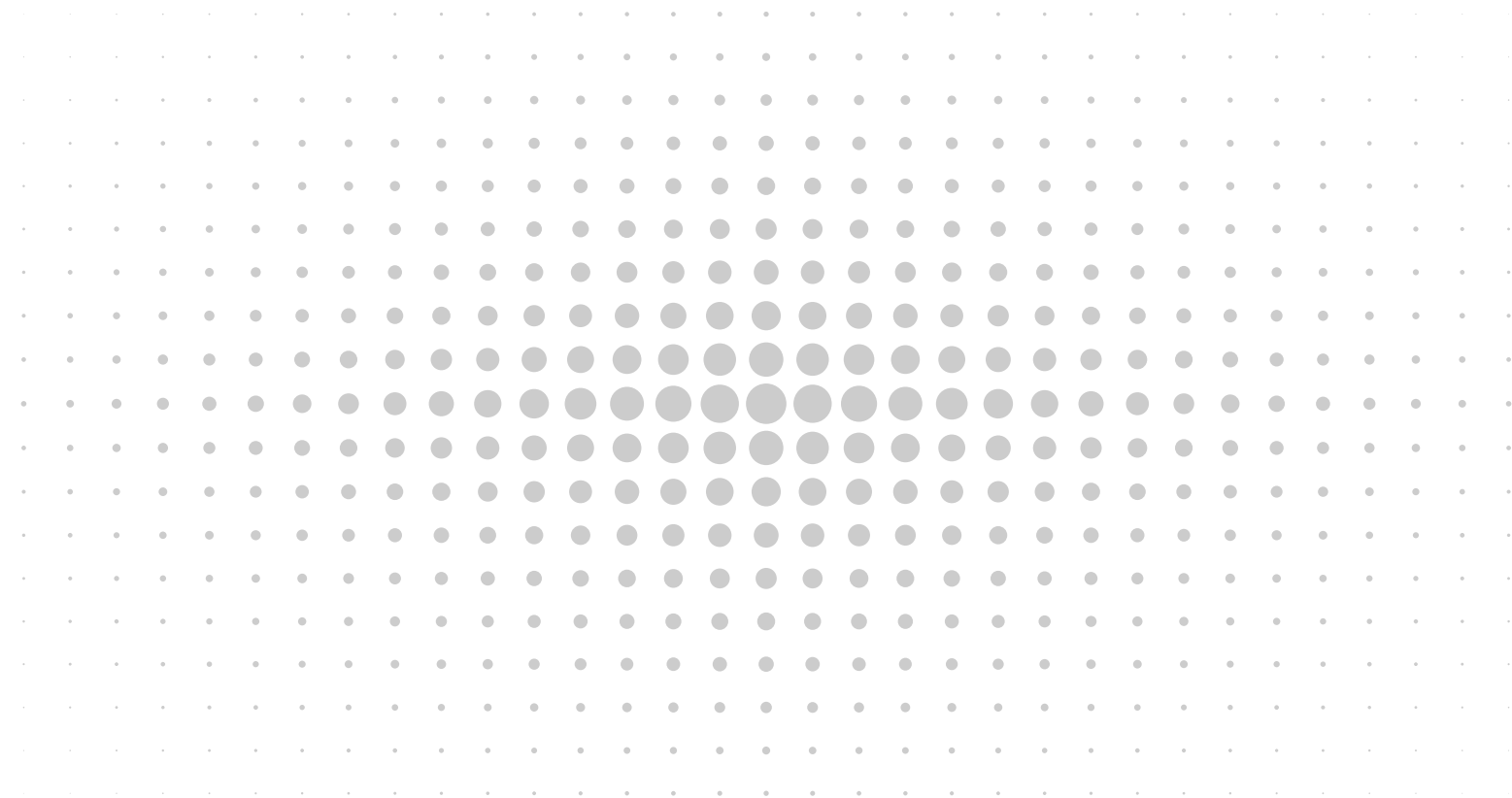


MyCRM



CMS Design and Development

Custom Themes | Plugins | Drag & Drop Builders



Course Finder Group



Customer:

Connects Australia's best tertiary education providers with motivated, ready-to-enroll students.



Project Details:

- **Duration:** 1 Month
- **Headless CMS:** WordPress

Requirement:

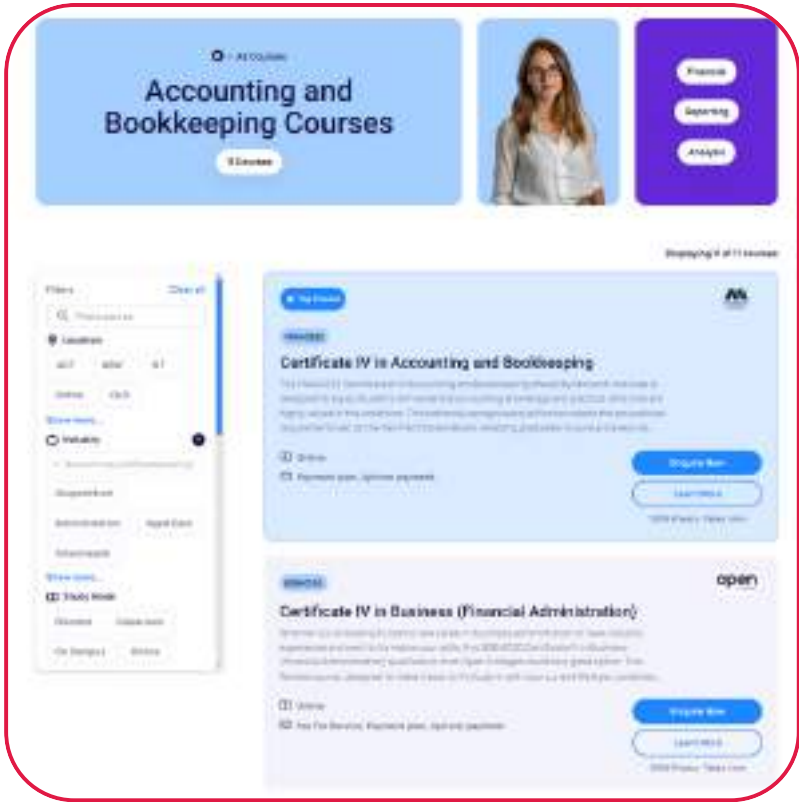
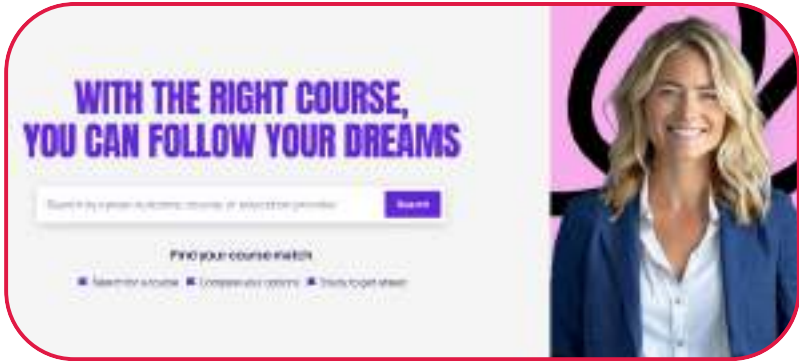
Needed a centralized backend solution to manage and seamlessly integrate course listings and providers across their three websites Course Finder, Career FAQs, and Study Select.



Enhancing Education Pathways in Australia

Course Finder Group expand your educational reach in Australia. Our platforms link tertiary providers...

Course Finder Group



Escape Room AK



Customer:
Connects Australia’s best tertiary education providers with motivated, ready-to-enroll students.



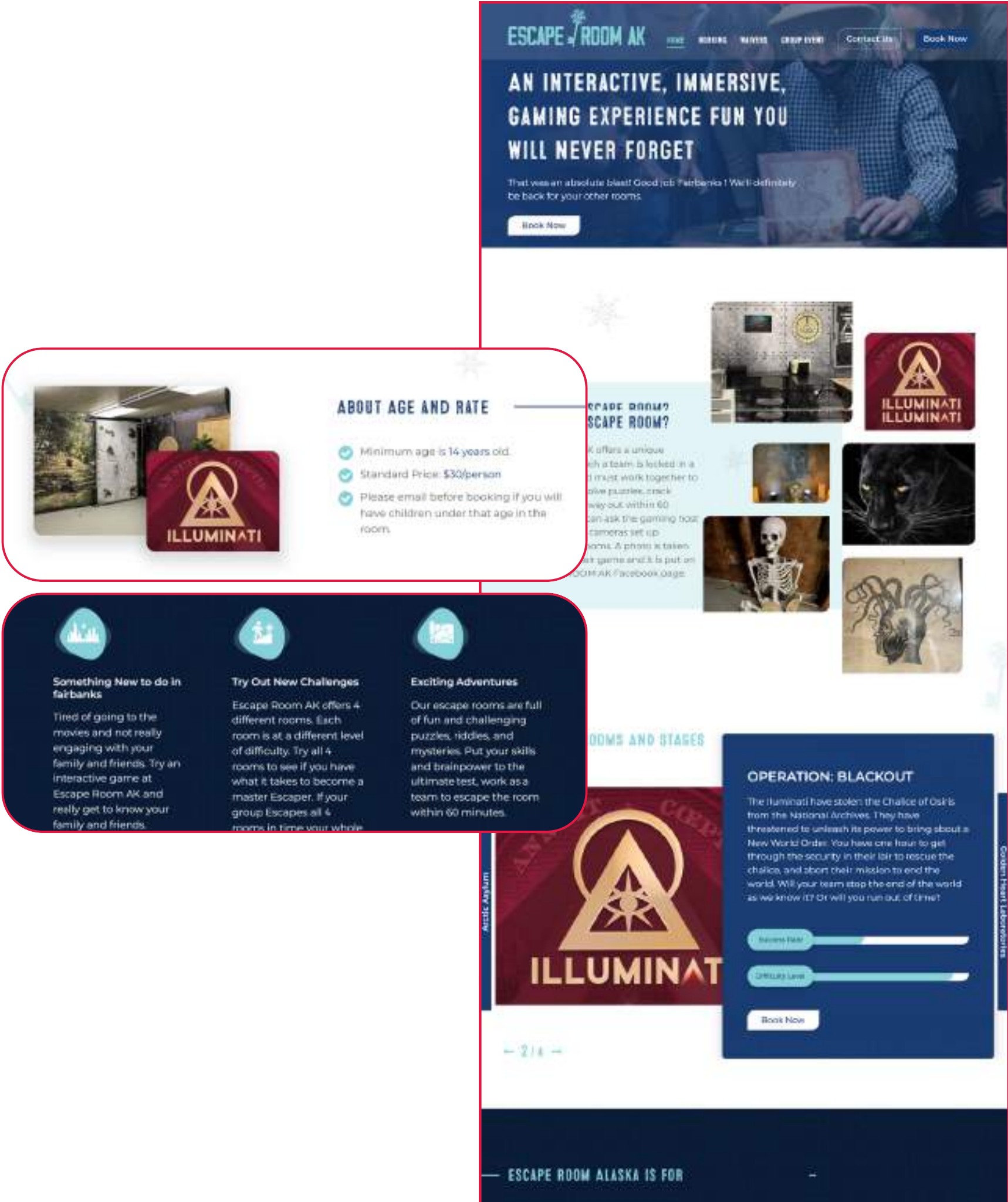
- Project Details:**
- **Duration:** 1 Month
 - **Headless CMS:** WordPress



Home

Escape Room fun starts here! Explore our theme rooms, thrilling challenges, and interactive experiences—book your next escape adventure...

 Escape Room AK / Jul 16



Blackwolf Agency



Customer:
Digital Marketing Agency



- Project Details:**
- **Duration:** 1 Month
 - **Headless CMS:** WordPress




Home

Black Wolf Digital is a premier Digital Marketing Agency in South Africa that helps you to drive more growth and conversions for your brand. Contact us...

[Blackwolf Agency](#)

Every question has an answer


Think of us as your marketing pack, bonded together to solve unique problems, united to turn [digital](#) footprints into business opportunities, and ultimately thrive.



Spending money on online marketing campaigns without realising your return on investment?

Our data driven [digital marketing](#) strategies ensure that your business tracks and accurately reports on its growth goals. See what we've done for businesses just like yours.


[View case study](#)



Is your breeding strategy struggling to create authentic connections with your customers?

We'll help you master the [art of digital breeding](#) using insights which will inform the creation of beautiful assets that automatically connect with your customers.


[Read us a proposal](#)



Is your website generating traffic but so sales?

Access our specialist e-commerce strategies that combine User Experience [Design with a data driven](#) approach, turning your website into a well-oiled selling machine.


[Fix any website](#)



Got an online presence but you're struggling to reach the right customers?

We'll keep your business finger on the pulse of what's happening in SEM, SEO, Paid Media, and Social Media [Marketing](#). We'll get more people to know about your business.

[See full service](#)



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A Digital Agency Built for Global Exchange

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Read More

Our Mad Skills

Digital Brand Marketing


We connect global and African brands with their audiences. We do so through smart digital marketing and creating the perfect balance of authentic, and impactful digital brand interactions. Needing a [digital strategy](#), campaign [design](#) or campaign rollout? Look no further.

Personalised Digital Marketing Experiences

We have the global and local networks and tools to ensure [personalised](#) media reach of all sizes. From digital media buying, performance marketing and sponsorship connects. Our media spend covers a broad mix of channels and formats to personalise your customer based experience. Needing a responsive agency near you? Let's connect.


[View our Mad Skills](#)

Who We Are




A DIGITAL MARKETING AGENCY

At Black Wolf Agency, we harness the power of digital storytelling, blending imaginative creativity with analytical precision to enhance your brand's digital footprint. Our crafted content doesn't just follow trends—it sets them, turning every view into meaningful engagement, and every engagement into conversion and loyalty. We position your digital presence as the ultimate global




GROWTH MARKETING DONE RIGHT

We listen to your business needs, find insights, formulate a strategy, and together create material that inspires. Our team combines specialist expertise in creative marketing and marketing technology, utilised to elevate your brand's promise. By fostering a collaborative partnership with you, we ensure that our strategies are tailored to meet your specific goals, helping you drive in a competitive



SPECIALISED ANALYTICS AND DATA TEAM

Utilising cutting-edge proprietary data solutions, we meticulously delve deep to unearth pivotal insights that resonate profoundly with your target audience. We methodically scrutinise and implement innovative, straightforward methods to engage, meticulously crafting personalised interactions that are not only uniquely tailored but also rich with genuine value and strategic relevance.



OUR COMMITMENT TO SOCIAL TRANSFORMATION

We are passionately dedicated to nurturing the growth and development of young talent in marketing and technology at universities throughout South Africa. Reach out to our Youth Agency to discover more about our comprehensive insights and services tailored specifically for the youth. Engage with us to explore how we empower the next generation, equipping

Arita Web



Customer:

Ai Development Company



Project Details:

- **Duration:** 1 Month
- **Headless CMS:** WordPress



AI Development Company California, USA
| Hire AI Developers

AritaWeb specialises in Artificial Intelligence for market-changing solutions for all industry...

aritaweb.com



Ammazza



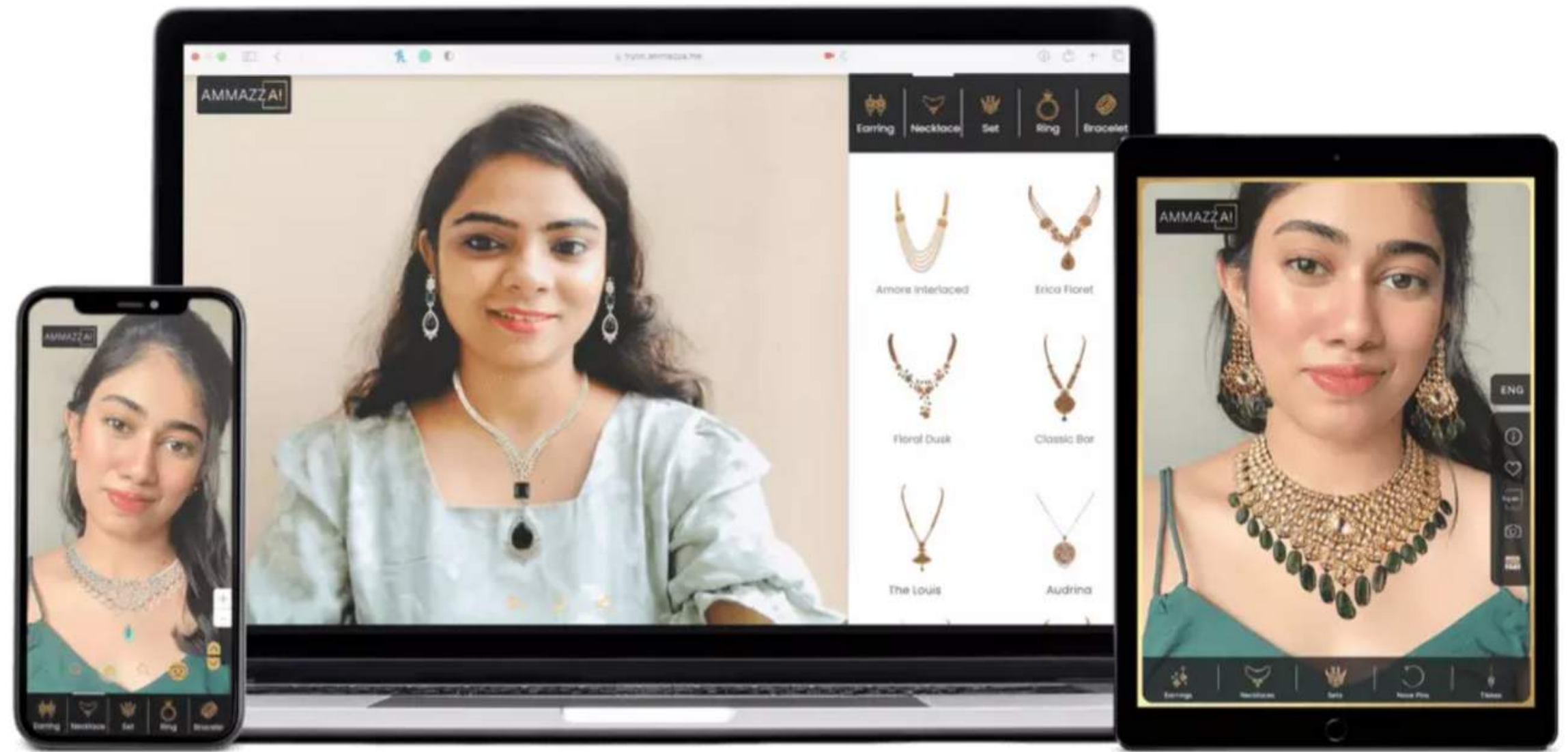
Customer:

Virtual Try-On Solution



Project Details:

- **Duration:** 1 Month
- **Headless CMS:** WordPress



Network Service Provider (NSP)



Customer:

A New Zealand-owned IT solutions provider, specializing in delivering Cybersecurity.

Website Link



Project Details:

- **Duration:** 1.5 Month
- **UI/UX:** Figma
- **Website CMS:** WordPress, Custom Theme
- **Plugin:** Advance Custom Fields / AC ACF
- **Animation:** GSAP
- **Marketing Automation Tool:** HubSpot
- **Page Speed Score:** 96

Requirement:

Needed to Revamp the current website for better lead generation and High user Engagement time with the website.

Network Service Provider (NSP)



NSP
SECURE YOUR FUTURE

Home Solution About Us Resources Contact Us

0508 01 01 01
hello@nsp.co.nz

Accelerating Your Success

by **Trusted expert advice**

Translating your technology needs to secure scalable solutions



NSP: Your Cyber Attack First Responders

- Speed and Efficiency**

Swift and precise action backed by proven methodology, cutting-edge technology, and deep cybersecurity expertise. That means less downtime, minimal disruption, and ultimately, lower costs.
- Tailored Approach**

We work closely with you to develop a plan that complements your operations, needs, existing assets, and IT resources. It is secure, thorough investigation and a customised remediation plan that addresses your specific weaknesses.
- Gain immediate threat visibility**

Understand the breadth, nature, origin, goals, and impact, while gaining comprehensive visibility into the compromised data.
- Proactive Security**

We go beyond containment. Our security experts proactively strengthen your defenses, building new systems and providing future insights.
- Strategic Risk Management**

We manage complex compliance requirements, mitigating legal risks and safeguarding your business.
- Empowering Your Response**

We equip you with the knowledge and strategies needed to become cyber resilient, making your organisation stronger longer from the COVID-19.

Our Solutions

A technology partner building innovative, secure and scalable solutions for businesses for over 20 years.

- Infrastructure Security**
- Network Performance**
- Managed Services**

Comprehensive solutions to ensure your technology is securely monitored, maintained, and updated, allowing you to focus on running your business.
- Modern Workplace**

Cybersecurity Robust Protection

Experience seamless integration of cutting-edge cybersecurity, ensuring optimal protection for your assets. Guided by our experienced CISO, our dedicated team prioritises your unique security needs.

[Find Out More](#) [Get In Touch](#)



Customer:

A leading provider of B2B SaaS platform for physical identity and access for workplaces.

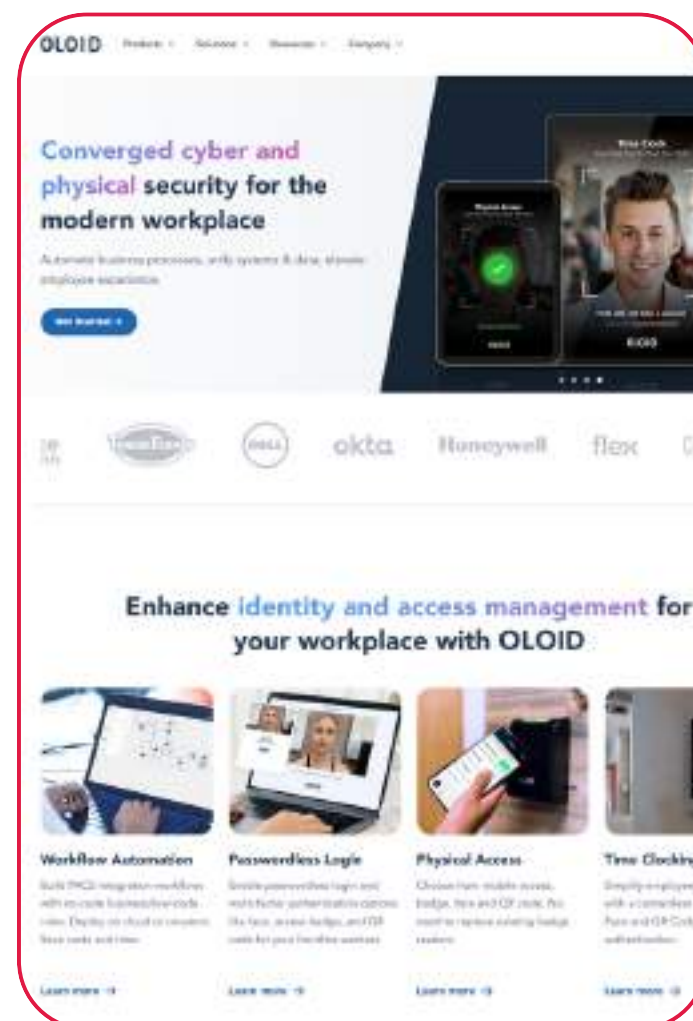


Project Details:

- **Duration:** 1 Month
- **CMS:** WordPress
- **Builder:** Elementor
- **Plugin:** HubSpot WordPress

Requirement:

- Migration from HubSpot to WordPress
- Website build with Elementor Builder
- Sync WordPress native forms with HubSpot CRM





WordPress Plugins



Rest API For Cross Platform Support with Gravity Forms

Plugin Link

- Rest API For Cross Platform Support with Gravity Forms plugin allows users to create a custom API that will extend the functionality of gravity forms to add entries of cross platforms forms like React and AngularJs.
- This will provide generated API links and a dataset which will be useful to cross-platform developers to send data to WordPress.



Post Porter

Plugin Link

- Post Porter | Import any post type from one WordPress site to another WordPress site with one click using REST API.
- For the best results and ease of use, ensure that the content you want to import or export closely resembles the structure of standard posts or is based on similar principles.



AMMAZZA Virtual Try-On for Jewellery

Plugin Link

- AR-Based Virtual Try-On: Customers can virtually try on earrings, necklaces, rings, and more from anywhere, enhancing their shopping experience.
- Seamless Integration: The "TRY NOW" button can be easily added to WooCommerce product pages or any other page using shortcodes.
- Analytics and Insights: Provides detailed reports on user engagement, including the number of Try-Ons and customer reactions, helping businesses make informed decisions.



WordPress

Email Attachment by Order Status & Products

Plugin Link

- Email Attachment by Order Status & Products allows admin to send custom attachments to their customers when the WooCommerce status change notification email triggered.
- It provides an admin facility to send product-related information to their users after placing an order like a product manual or how to use the product.
- It also useful for booking-type products to send pdf or document to users to provide accommodation and rules about their booking.



REST API | Custom API Generator For Cross Platform And Import Export In WP

Plugin Link

- Custom Endpoints Creation: Users can create tailored API endpoints for blogs, choosing specific data to include.
- Cross-Platform Integration: Extends custom REST API features for seamless cross-platform functionality.
- Import-Export Capability: Facilitates easy blog migration with import and export functionality.



WOT Elementor Widgets

Plugin Link

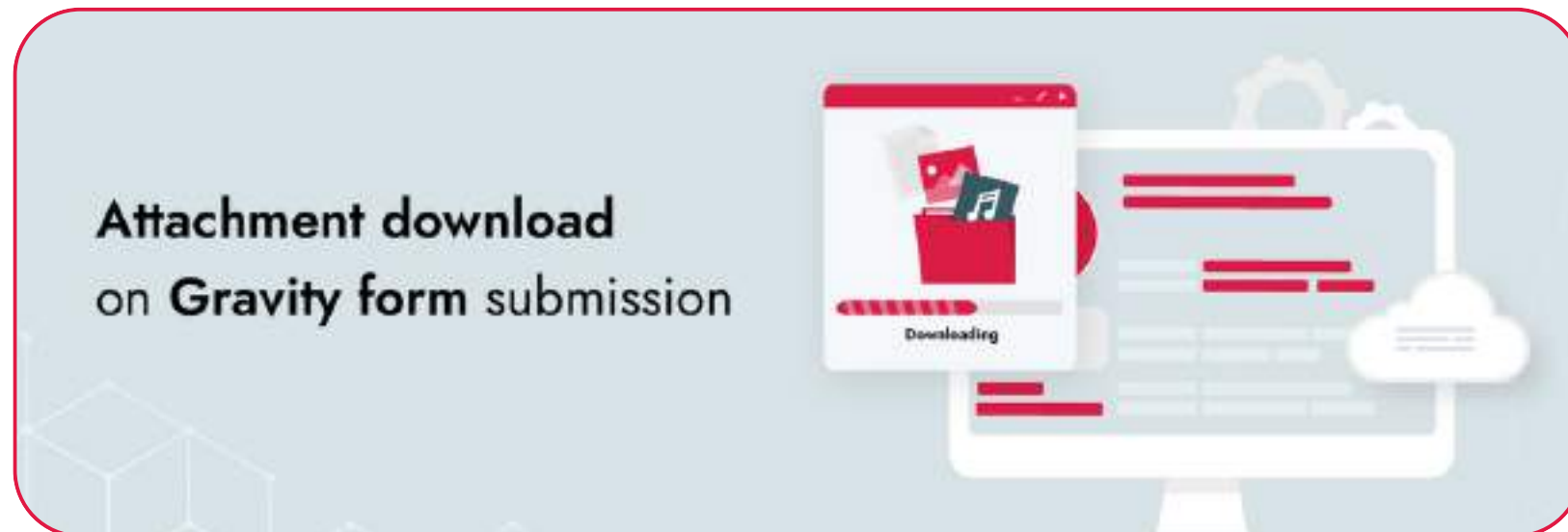
Wot Elementor Widgets is a lightweight collection of Elementor widgets with customizable features



Attachment Download On Gravity Form Submission

Plugin Link

- Attachment Download On Gravity Form Submission allow to add custom attachment in each gravity form which will be downloaded on form submission.
- This plugin provides a facility to the admin to share the document download option after successful form submission.



ContactSync : Integration of Google Contacts for WooCommerce

Plugin Link

- Automatically sync WooCommerce customer contacts with Google Contacts in real-time.
- Prevent duplicates by checking for existing contacts before syncing.
- Enhance efficiency with batch processing using cron jobs.





E-Commerce Development

Woo-Commerce | Shopify


e COMMERCE
VECTOR ILLUSTRATION



Network Service Provider (NSP)


Hoist Fitness


Fitness Products Seller




Home and Commercial Strength Equipment

HOIST Fitness Systems is a San Diego, California USA based company producing premium strength...


 HOIST Fitness




HD DUAL SERIES




MOTIONCAGE




MULTI-JUNGLE SYSTEMS




PERFORMANCE SERIES

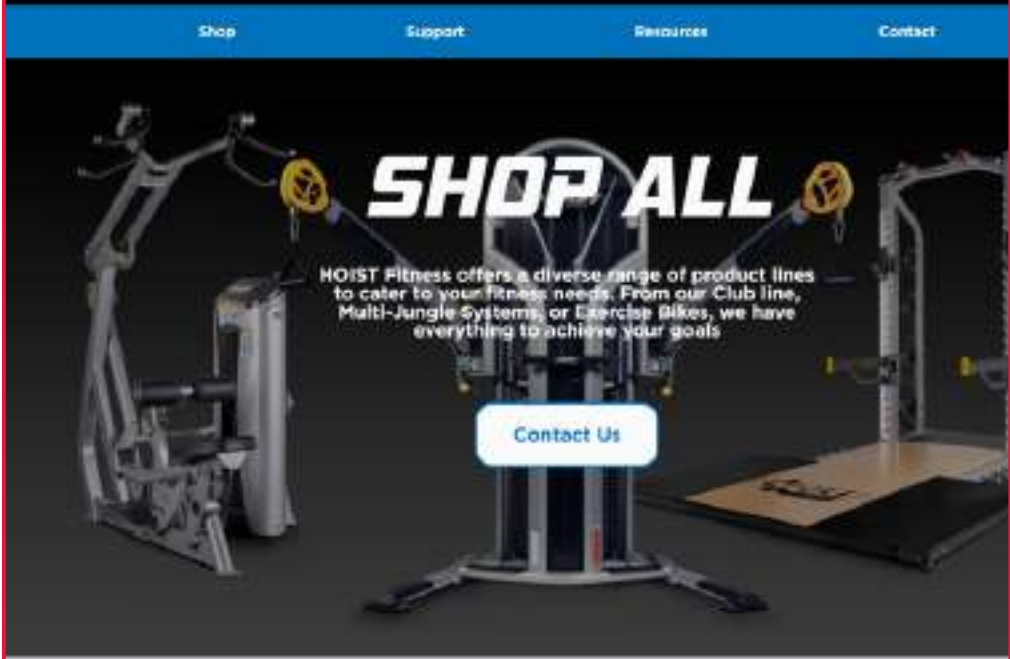


ROC-IT PLATE LOADED



ROC-IT SELECTORIZED








Commercial Facilities

Our commercial products can be found worldwide in commercial gyms, pro sports team facilities, universities, government agencies, and more.

Home Gyms

Our home products can be found worldwide in consumer homes, multifamily gyms, fitness studios, and more.

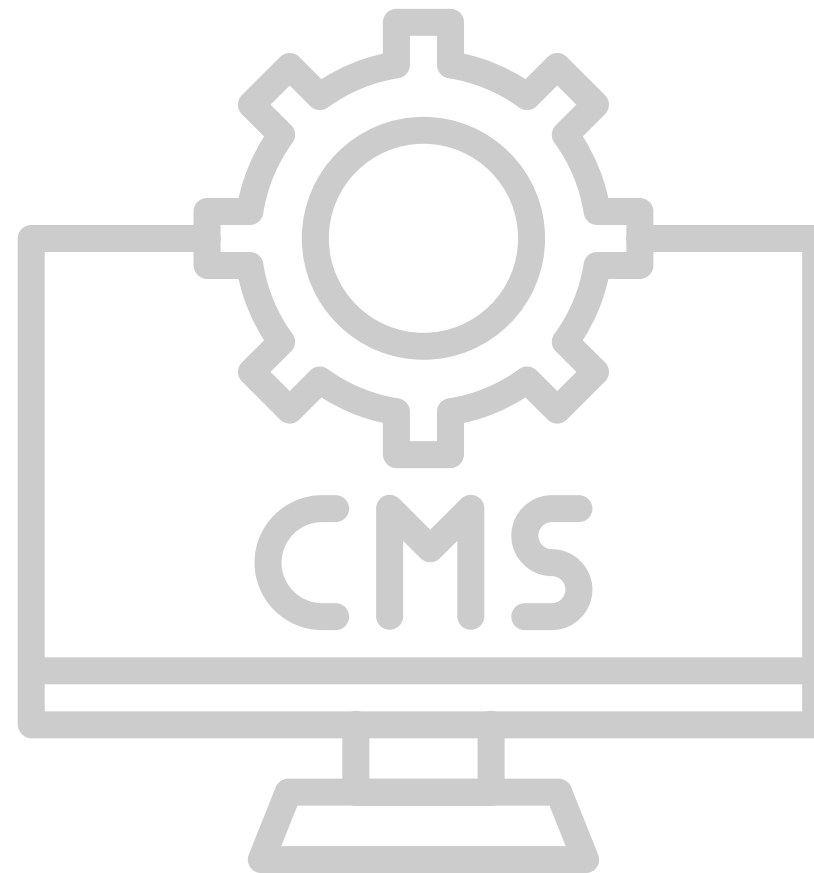
Product Lines







CMS - WebFlow Development



Sydney Porter



Customer:

Provides an All-in-one Reporting, Analysis & Forecasting Tool to assess business performance, monitor trends, and identify improvement opportunities.

Requirement:

Create a brand guide, a mockup design capturing Sydney's artistic essence, and a Webflow website featuring an intuitive checkout process.



Sidney Porter Art

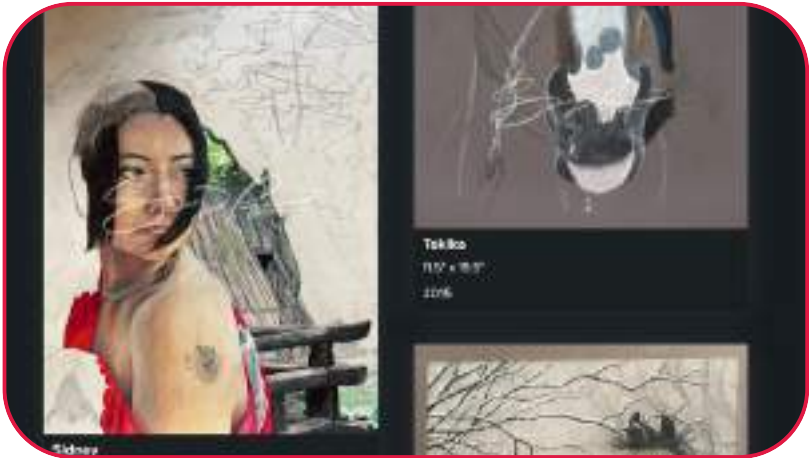
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webflow.io



Project Details:

- **Duration:** 1 Month
- **Branduide:** Adobe Illustrator
- **UI/UX:** Figma
- **CMS:** Webflow
- **Payment:** Stripe





Customer:

Provides an All-in-one Reporting, Analysis & Forecasting Tool to assess business performance, monitor trends, and identify improvement opportunities.

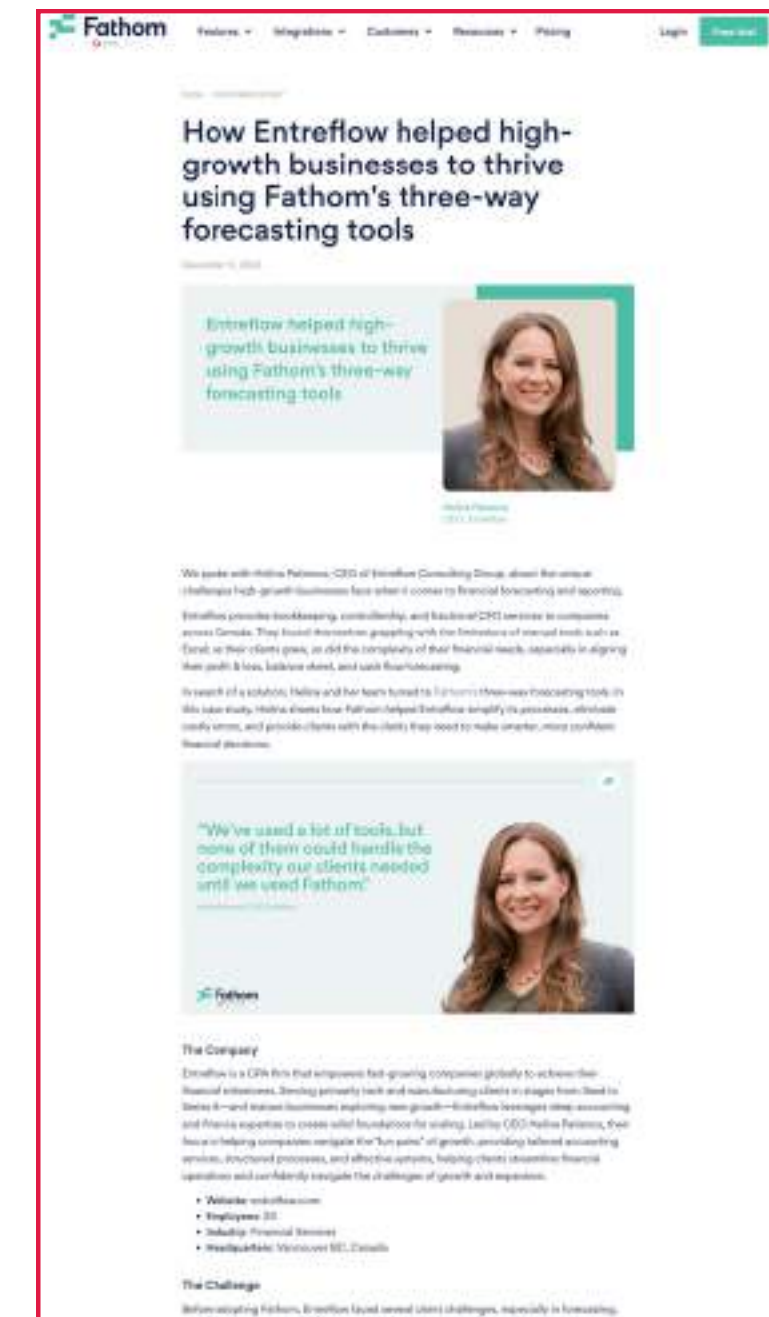
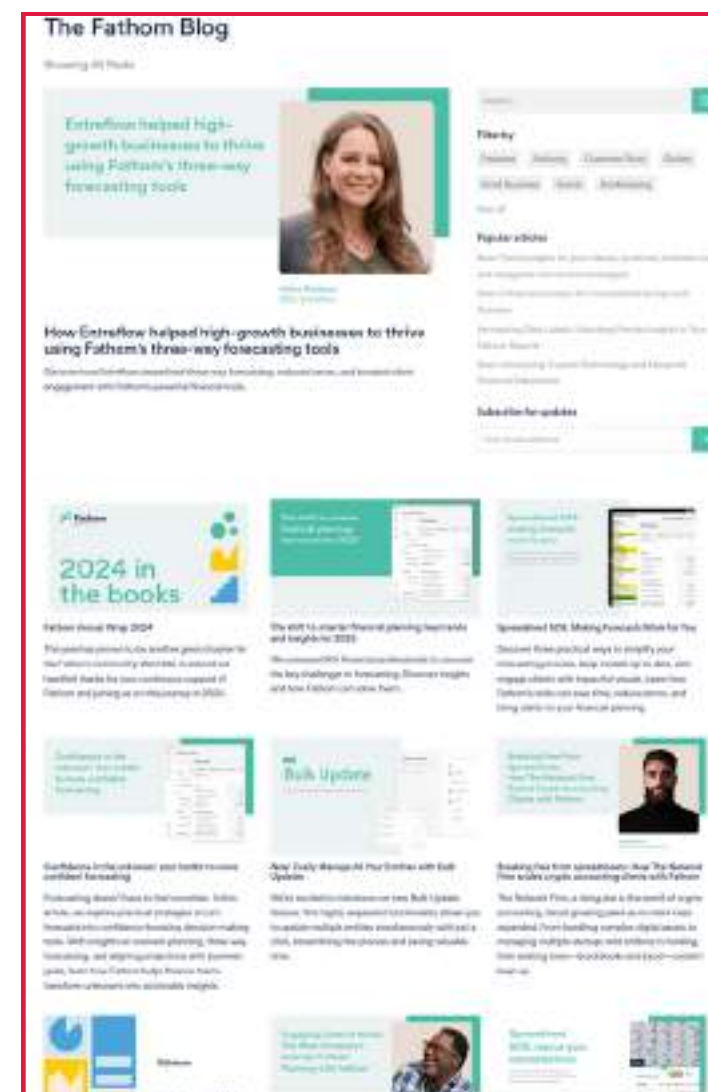
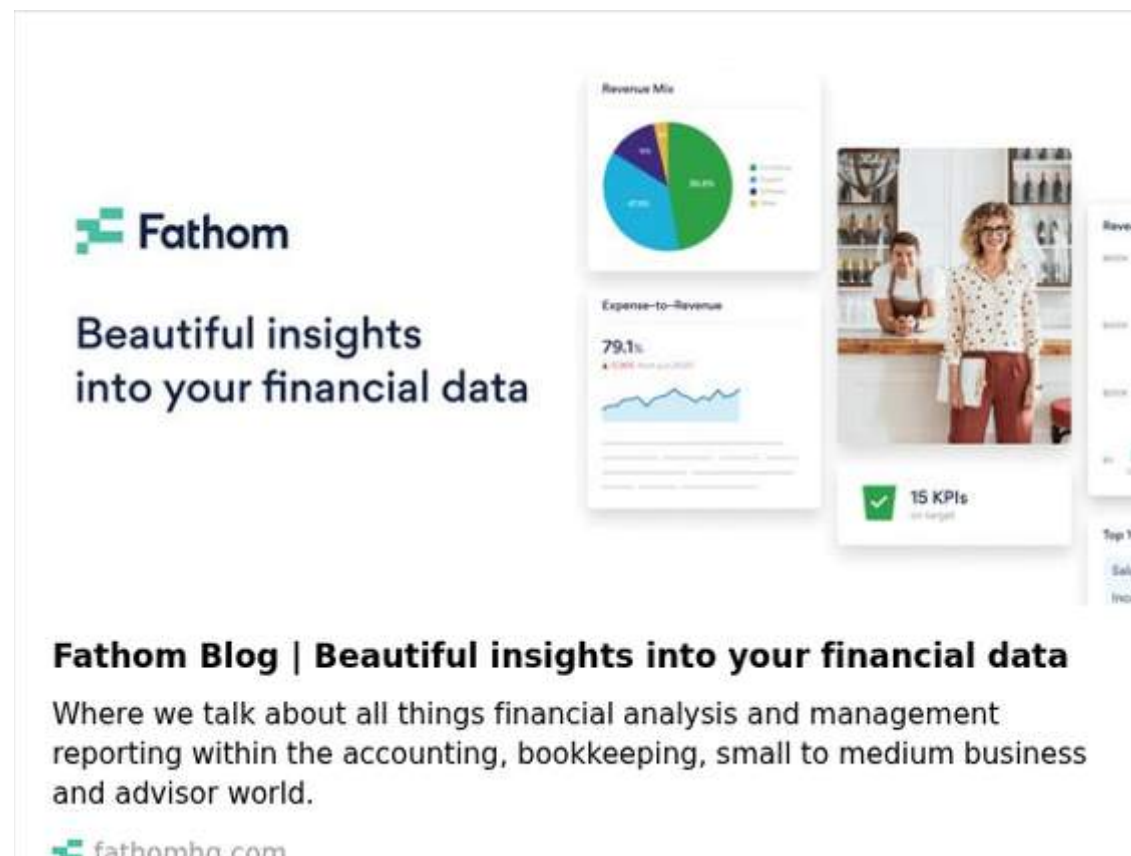


Project Details:

- **Duration:** 1 Week
- **CMS:** Webflow

Requirement:

Replicating the HubSpot blog in Webflow with custom workarounds and migrating domain.





Game Development

Unity | Unreal Engine | Spine Animations | Character/Avatar Design



Hotel star



Customer:

A mobile gaming studio seeking a Life simulation captivating hotel management game.



Project Details:

- **Duration:** 3 Months
- **Technologies:** Unity 3D, C#, Blender, Maya , Unreal Engine

Requirement:

Create an engaging and unique game with smooth performance to stand out in a competitive market.

Major Challenge:

Unique UI/UX Interactive Design

Solution:

We developed Hotel Star Game using Unity 3D with interesting features like:

- Satisfaction tracking of "Guest" Characters
- Hotel Resource management
- In-app purchases for Tokens & resources
- Unlock and manage luxury hotels

Results

- Total **50K+** downloads
- **852+** user ratings
- **Score: 4.1+ / 5**

Hotel star





Interactive UI/UX designs

To enhance player interaction with a sleek interface and engaging visuals, we designed an intuitive and user-friendly UI/UX, ensuring an immersive and enjoyable experience throughout the hotel management journey.



[Play Store App Link](#)



[App Store Link](#)

Hospital Rush



Customer:

A gaming company specializing in time-management simulation games.



Project Details:

- **Duration:** 3 Months
- **Technologies:** Unity 3D, C#, Blender, Maya , Unreal Engine

Problem:

Create an immersive and fun game with smooth controls and appealing visuals to attract and retain players.

Major Challenge:

2D Character Animations that are Lightweight but Smooth as well.

Solution:

We developed a dynamic game using Unity, with intuitive controls, vibrant visuals, and customizable gameplay features like:

- Character/Role Play: Doctor or Nurse of your dreams.
- Hospital and Staff management.
- Earn Coins and Upgrade facilities

Results

- Over **100K+** downloads on the Play Store
- **2.76K+** reviews
- Score: **4.5** / 5 in Play Store

Hospital Rush





2D Spine Animations

To enhance the visual experience, we incorporated 2D Spine animations for smooth and expressive character movements, bringing the game to life.



[App Link](#)

Asian Cooking Star



Customer:

A mobile gaming studio seeking a cooking simulation game with an Asian theme.



Project Details:

- **Duration:** 3 Months
- **Technologies:** ARKit, ARCore, Unity 3D, C#, Blender, Maya , Unreal Engine

Problem:

- Design an engaging cooking game with smooth mechanics, authentic recipes, and challenging gameplay to attract global players.

Major Challenge:

2D and 3D Character Animations that are vibrant and detailed as well.

Solution:

We Developed Asian Cooking Star, a vibrant and dynamic game with interactive features like:

- Character/Role Play: Star Chef
- Manage, strategise, and upgrade your kitchen
- Cook & Serve Asian Food

Results

- Over **10M+** downloads on the Play Store
- **99.9K+** reviews
- Positive feedback from users

Asian Cooking Star



3D Character Art Work

[App Link](#)



To bring the gameplay to life we utilized a combination of interactive 2D and 3D art characters with vibrant, detailed animations, adding depth and personality to the cooking experience.





Augmented Reality & Virtual Reality



Ammazza AR



Customer:

One of the top jewellery owner in Dubai seeking personalized shopping experience.



Project Details:

- **Duration:** 3 Months
- **Technologies:** ARKit, ARCore, Unity 3D, C#, Blender, Maya , Unreal Engine

Problem:

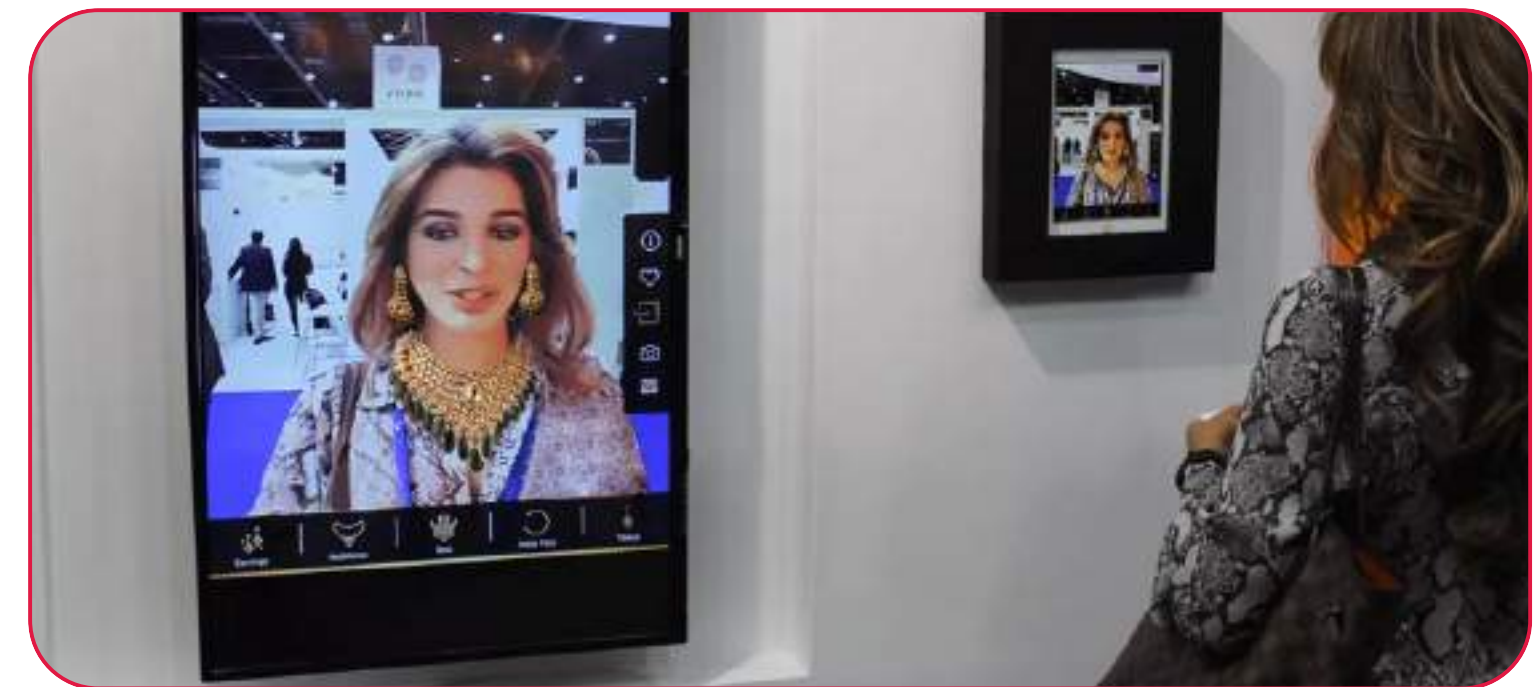
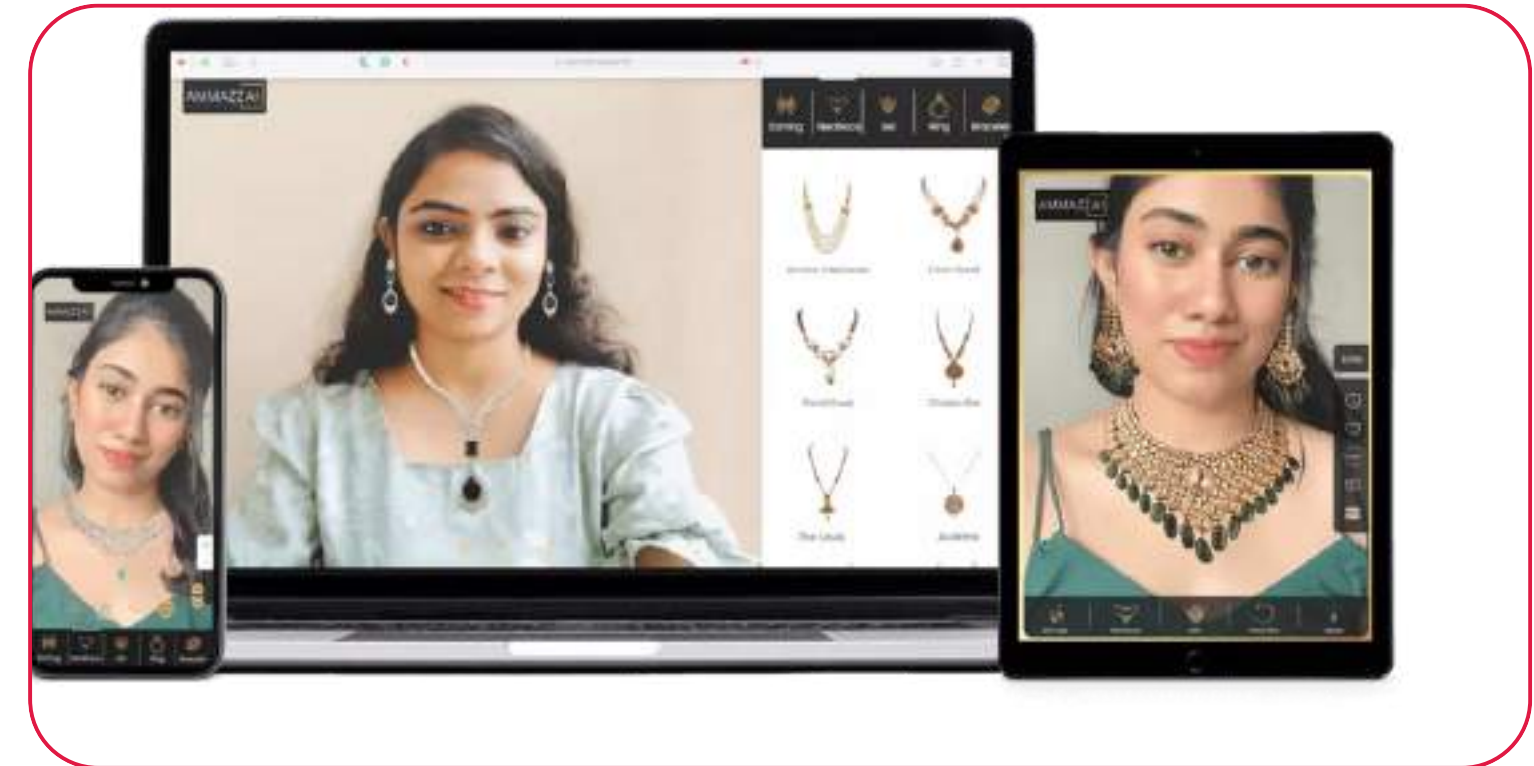
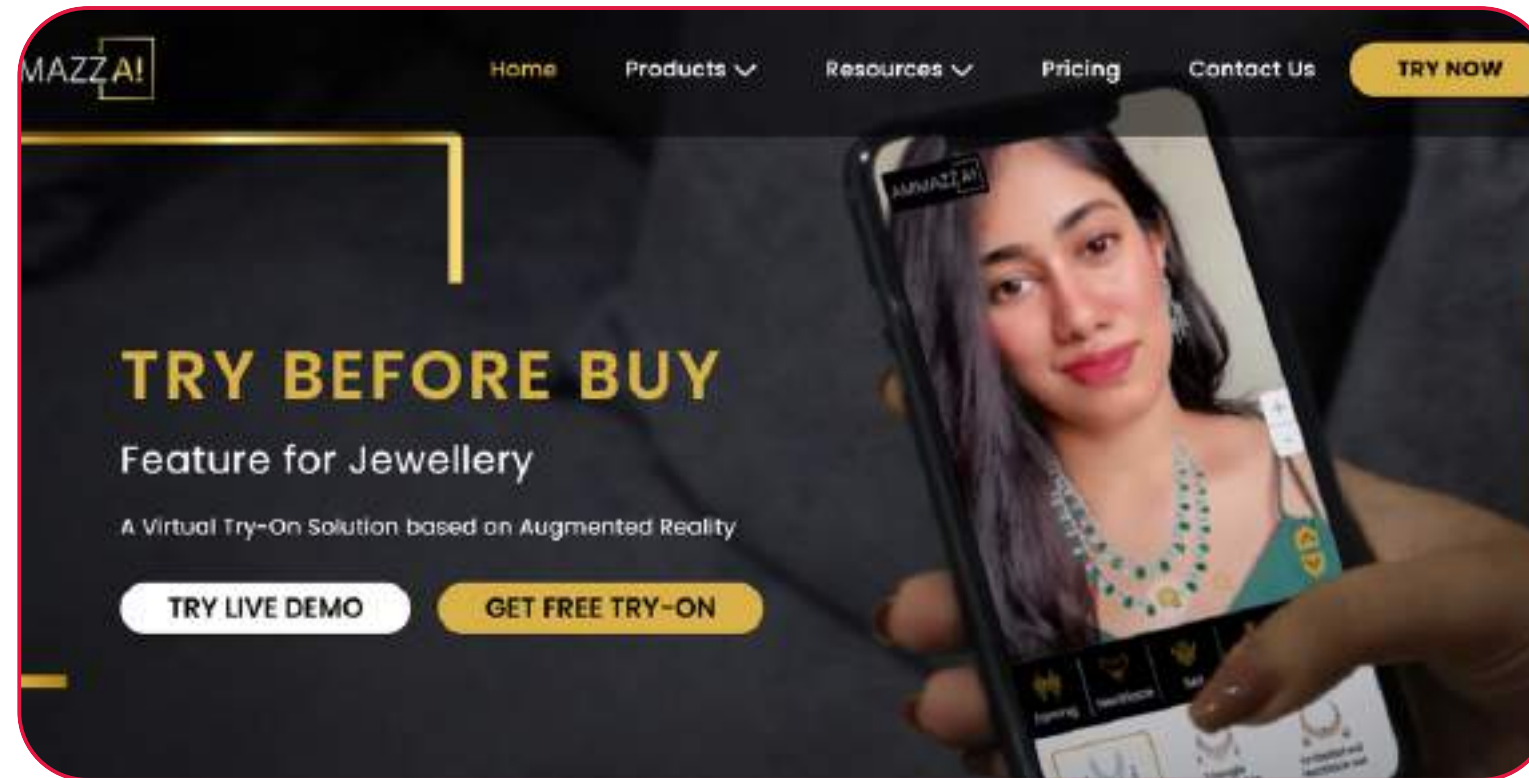
- Customers hesitate to purchase jewellery online as they cannot visualize how it will look on them.
- Physical stores often have a limited inventory and can only showcase additional designs through catalogues, reducing the shopping experience.

Solution:

We developed Ammazza AI which allows customers to try jewelry virtually using AR technology, providing an interactive and personalized shopping experience.

- Multiple Try-Ons for multiple pieces of jewelry such as Earrings, Sets, Necklaces, Rings, Bracelets, Watches, and Nose pins.
- Capture and Share the Try-On Images
- SDK Development
- Function to Compare multiple Try-on Images at the same time
- It offers web plugin try-on for quick and convenient shopping as well as treasure try-on for highly interactive experience.

Ammazza AR



Medical Room VR



Customer:

A Leading Medical training institution seeking to improve surgical training and operating room procedures.



Project Details:

- **Duration:** 6 Months+
- **Technologies:** Oculus SDK, Vuforia, Unity 3D, C#, Blender, Maya , Unreal Engine

Problem:

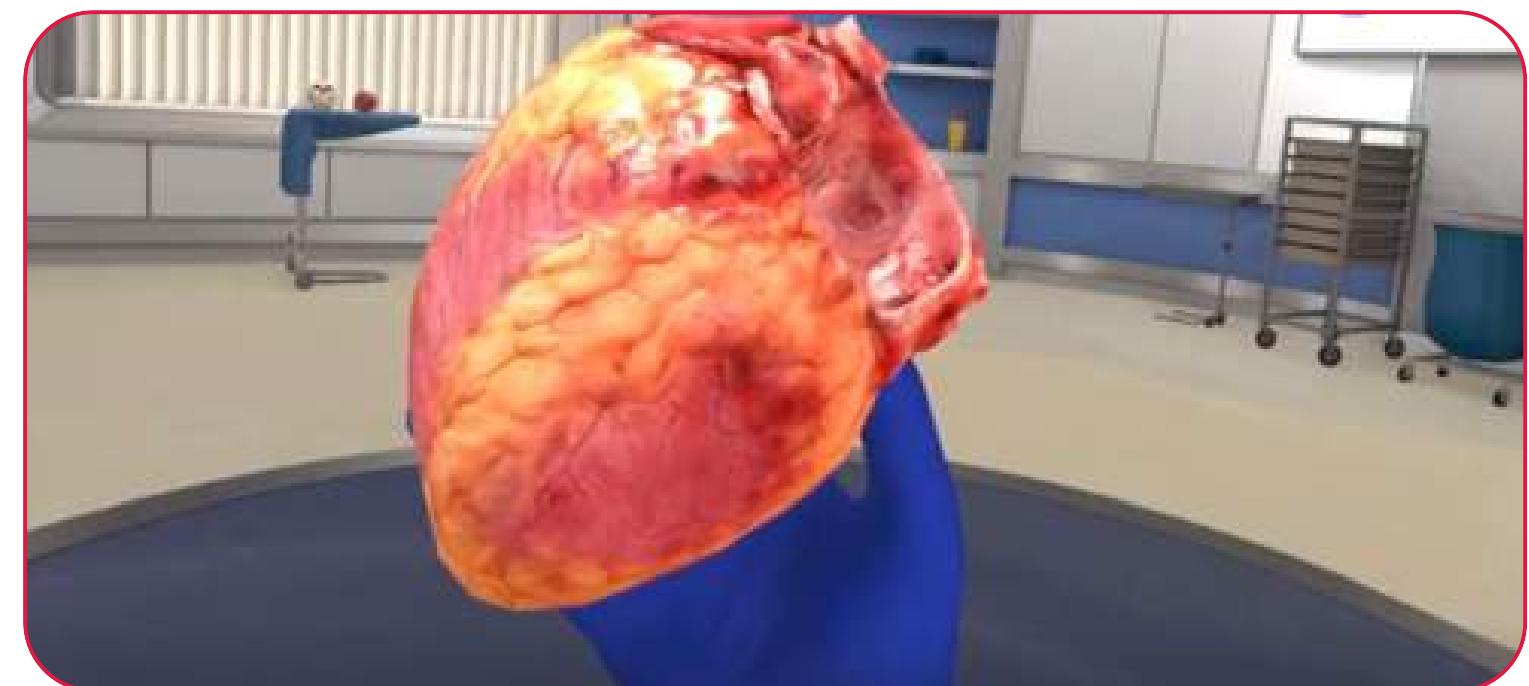
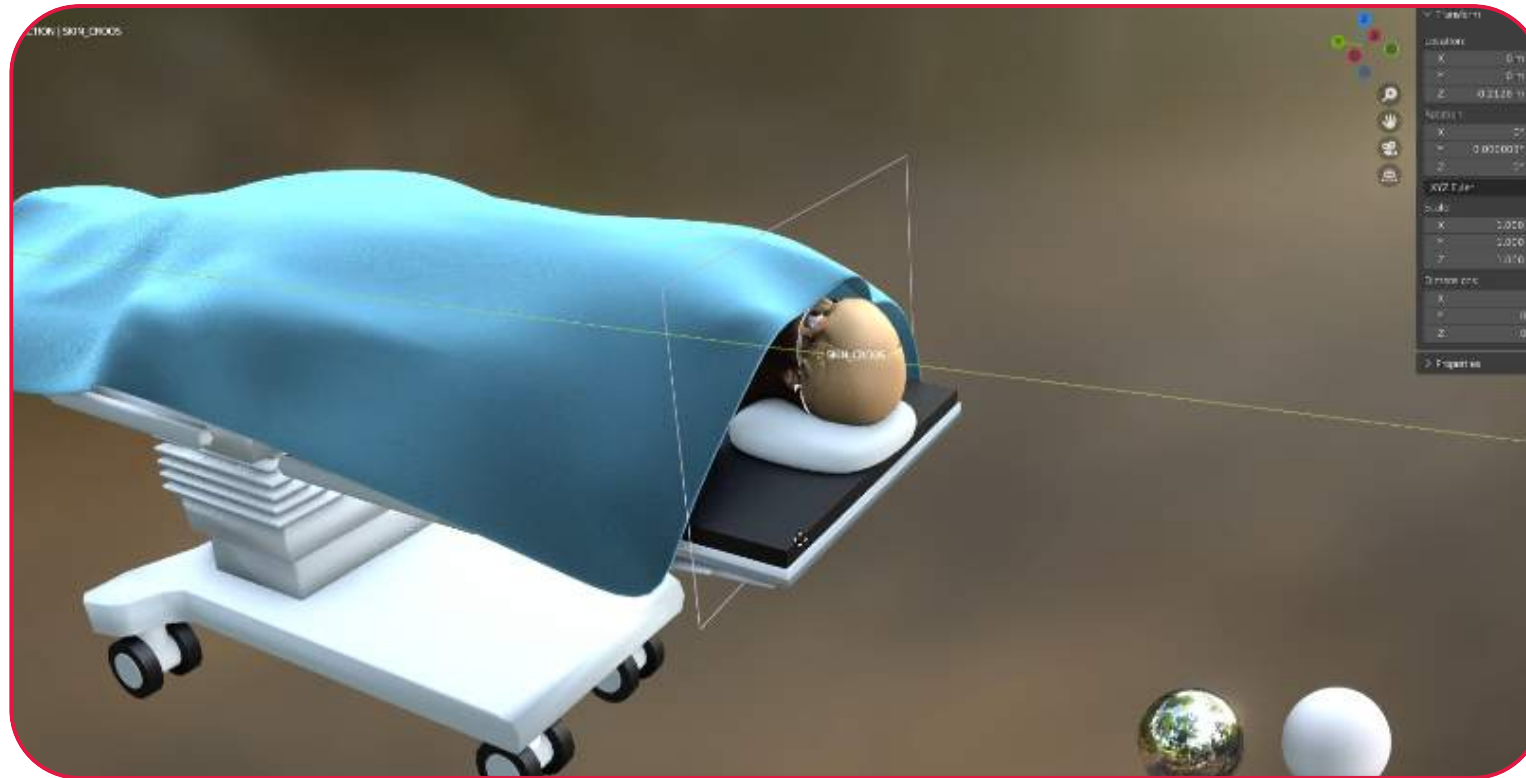
- Trainees hesitate to practice new techniques due to fear of errors in real-life scenarios.
- Mistakes during live procedures can endanger patients and increase liability.
- Training on real medical instruments can lead to wear and tear.

Solution:

We Developed an interactive VR experience for medical room environments allowing trainees to experience:

- Virtual handling of medical instruments.
- Risk-free practice environment.
- Realistic scenarios to enhance decision-making.

Medical Room VR



Fire Safety VR



Customer:

A Leading safety training institution seeking to improve fire safety training.



Project Details:

- **Duration:** 3 Months
- **Technologies:** Oculus SDK, Vuforia, Unity 3D, C#, Blender, Maya , Unreal Engine

Problem:

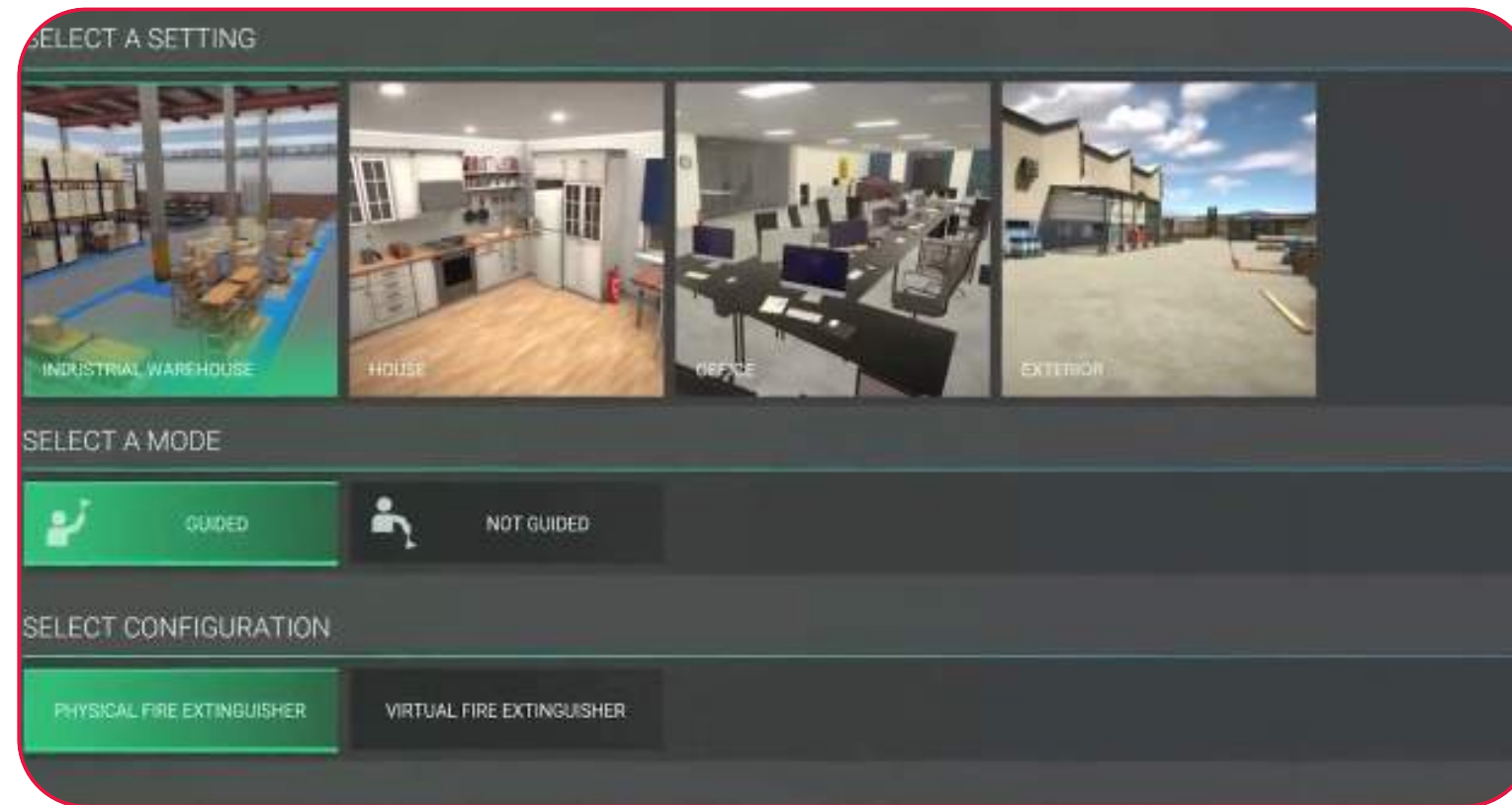
- It's hard to recreate extreme fire situations in real-life training.
- Trainees may not get enough chances to practice in real fire situations.
- Live fire training can be dangerous, leading to potential injuries.

Solution:

We Developed a Fire Safety VR training module that allows users to experience :

- Safe training experience with no real-life risks.
- Training on fire extinguisher use and evacuation procedures.
- Customizable fire scenarios based on different environments.
- Repetitive practice opportunities for skill mastery.

Fire Safety VR



Airport VR Experience



Customer:

One of the top Airlines Agency seeking a more enjoyable and stress-free Airport experience.



Project Details:

- **Duration:** 3 Months
- **Technologies:** Oculus SDK, Vuforia, Unity 3D, C#, Blender, Maya , Unreal Engine

Problem:

Many travelers experience stress and confusion navigating large airports, leading to a negative airport experience and potential delays.

Solution:

We Developed a VR-based airport experience that helps travelers to easily:

- Find their way around the airport with interactive maps and guidance.
- Provides information about available services like lounges, restaurants, and shops.
- Stress-free boarding experience.

Airport VR Experience



AR Hunter



Customer:

One of the leading Mobile gaming company seeking an immersive AR hunting experience.



Project Details:

- **Duration:** 4+ Months
- **Technologies:** ARKit, ARCore, Unity 3D, C#, Blender, Maya , Unreal Engine

Requirement:

Create an immersive AR-based hunting game that blends real-world environments with:

- Virtual gameplay
- Various Player Engagements
- Interactive Challenges

Solution:

Developed a mobile AR game that lets players hunt 3D animals in real-world environments, offering an immersive experience like:

- Interactive 3D animals for players to hunt.
- Engaging missions and challenges to complete levels.
- Allows players to personalize their in-game character and equipment.

AR Hunter



VR Safety Training



Customer:

One of the top Construction firms and safety training providers seeking to enhance safety standards within their workforce.



Project Details:

- **Duration:** 3 Months
- **Technologies:** Oculus SDK, Vuforia, Unity 3D, C#, Blender, Maya , Unreal Engine

Problem:

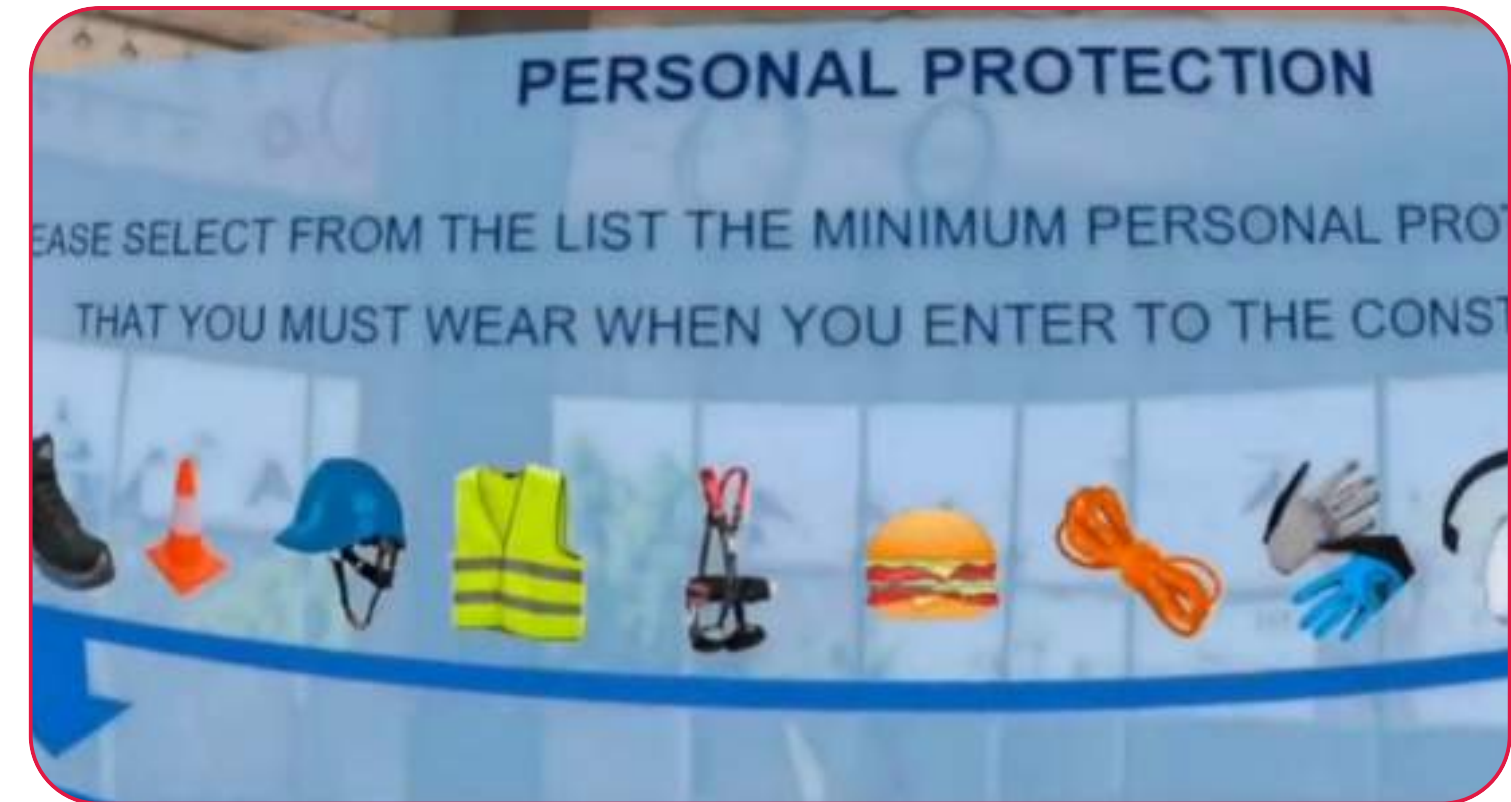
- High risk of accidents during on-site training
- Workers often find lectures or manuals boring or hard to relate which reduces their understanding.
- Workers rarely get the chance to repeatedly practice safety protocols in real-world conditions.

Solution:

We developed a VR-based simulation in real construction environments allowing workers to experience:

- Safe exposure to hazardous scenarios
- Repetitive practice opportunities
- Customizable scenarios for various construction site risks
- Simulation of safety protocols and proper handling of equipment

VR Safety Training



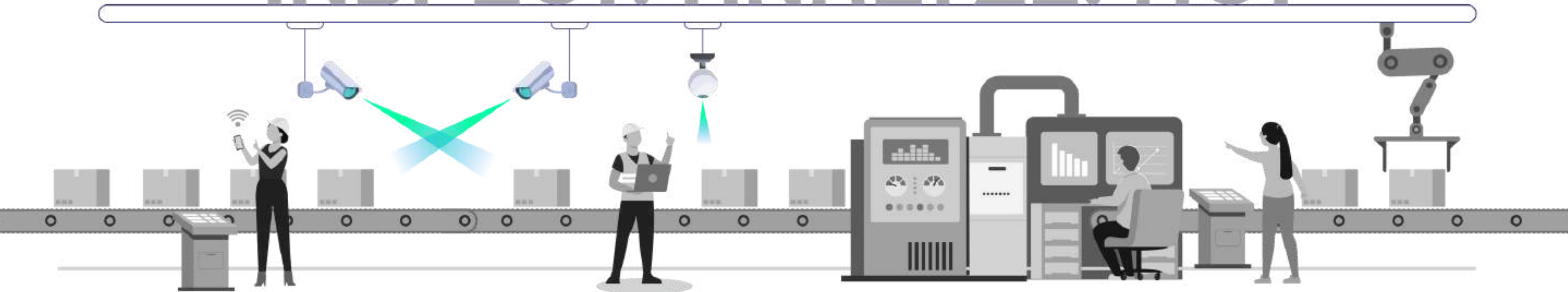


Our Ai-based computer vision platform for manufacturers & industries

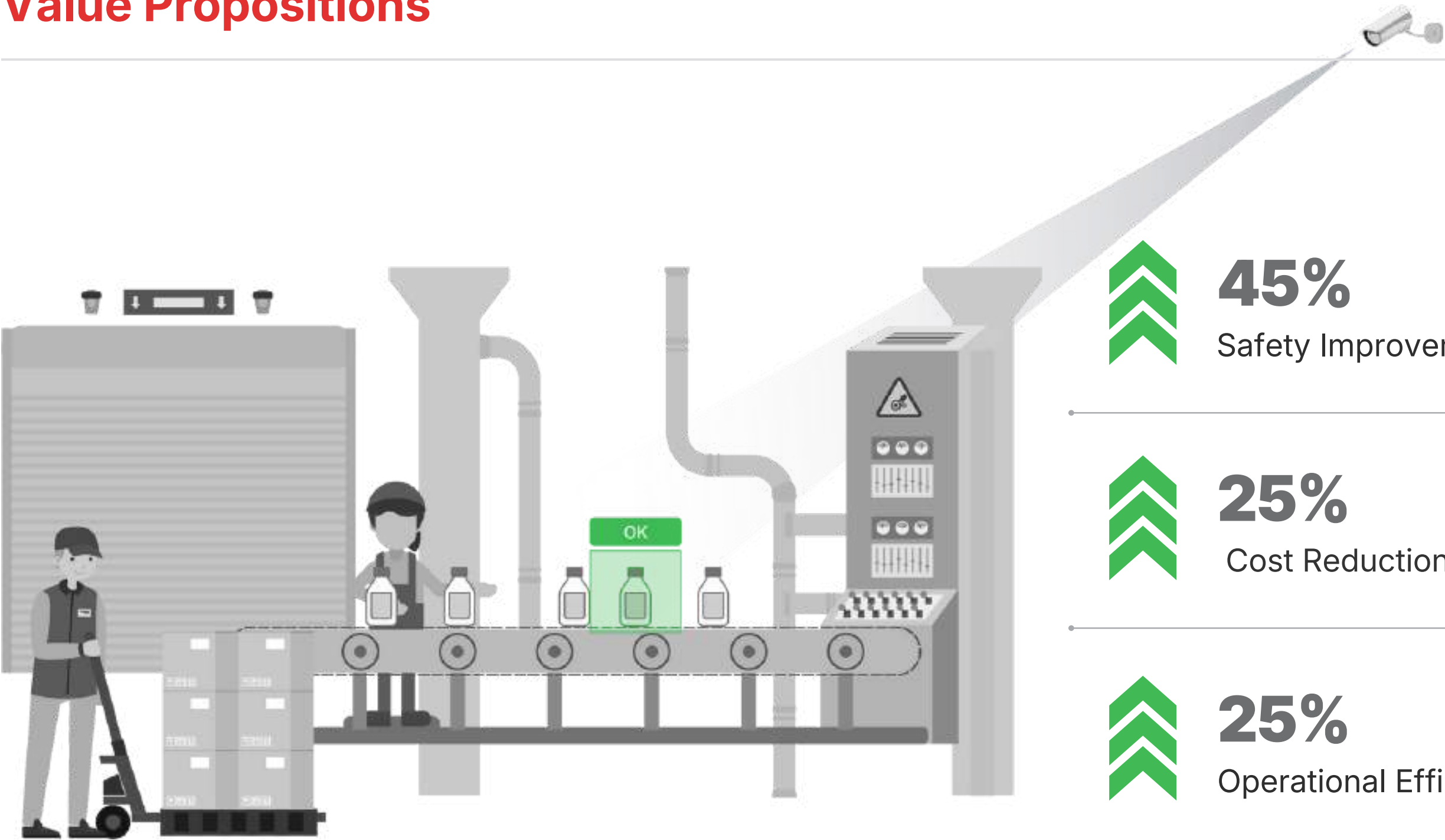


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INSPECT. ANALYZE. ACT



Value Propositions



45%
Safety Improvements



20%
Energy Consumption



25%
Cost Reduction



20%
Machine Breakdown



25%
Operational Efficiency



90%
Quality Control

ESG: Innovative digital solutions for sustainable future



Environmental Sustainability

- Smart energy management systems to reduce carbon emissions.
- Optimized production lines with AI-powered tools & reduced waste.
- Predictive maintenance for prolonged equipment life.



Social Impact

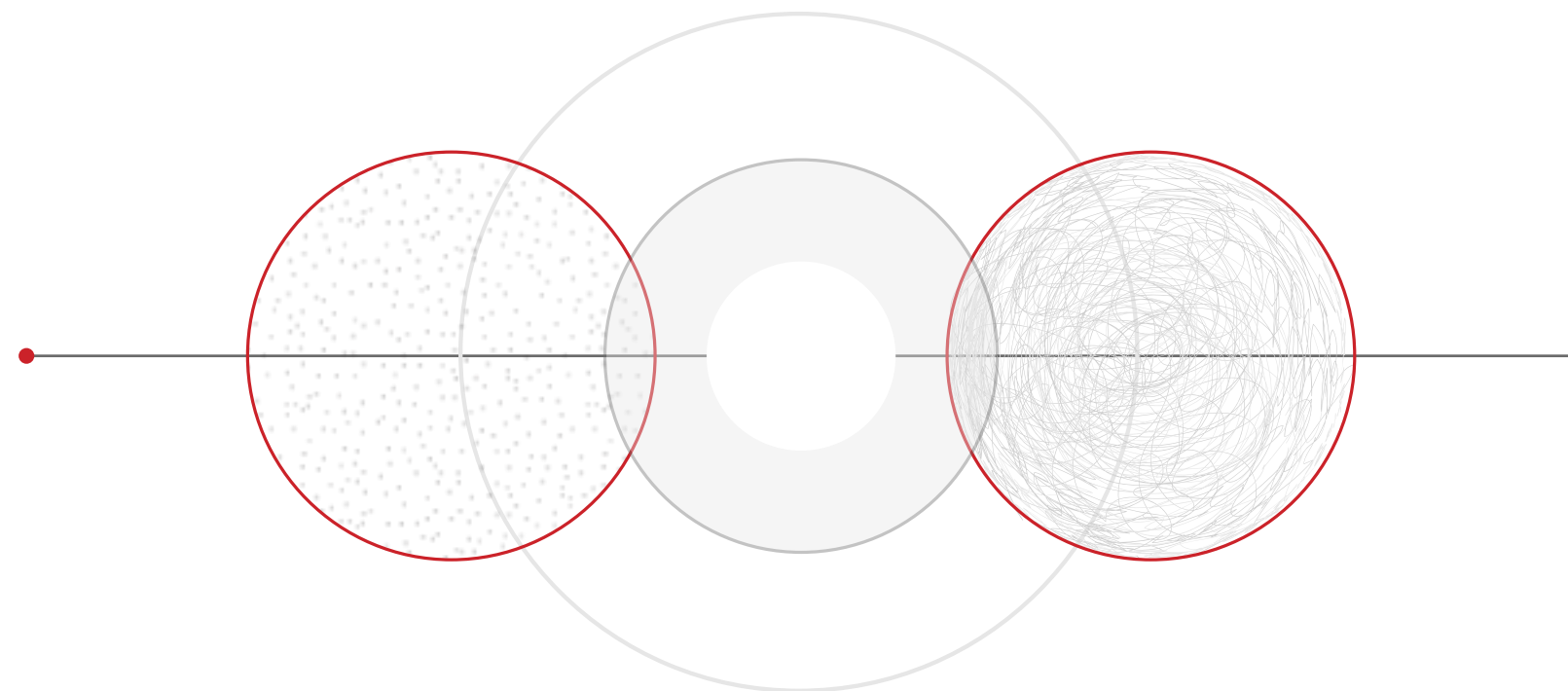
- Enhanced worker safety & real-time hazard monitoring.
- More opportunities with automated systems that upskill workforce.
- Promote fair labor practices with improved transparency.



Governance Advancements

- Meet environmental & safety regulations with real-time analytics.
- Ethical AI implementation for fair & unbiased manufacturing practices.
- Transparent reporting frameworks with integrated digital dashboards.

Reduce operational costs | Better compliance with ESG | Improved worker safety



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