# SIEORA

# BUSINESS PROFILE

## Welcome to our company

www.sieora.in

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# ABOUT
# COMPANY

Sieora is a tech solution development company that offers comprehensive custom product development services for all types of problem statements, including mobile app, web app and hardware solutions. Our in-house team's combined expertise ensures that all aspects of AI development, IoT development, and software development are seamlessly integrated, providing a comprehensive solution from start to finish. This self-reliant approach streamlines the development process and enhances efficiency, ultimately benefiting our clients.

Sieora provides tailored solutions for diverse industries, including AI applications with NVIDIA technology, computer vision for visual data insights, innovative IoT systems, and intuitive mobile/web applications.

*"COME UP WITH A UNIQUE IDEA, AND WE'LL BRING IT TO LIFE"*

# VISION
# MISSION

## Vision

*The vision of our company is to emerge as India's foremost custom product development firm, catering to diverse industries and government organizations. We aim to facilitate end-to-end product development, encompassing both hardware and software solutions, to meet the evolving needs of our clients effectively.*

## Mission

*The mission of our company is to foster cost-effective problem-solving through prototype and software development, empowering both small and large-scale industries to overcome their daily challenges and enhance productivity.*

# OUR SERVICES

R&D and Reverse Engineering

AI, Edge AI, Computer vision AI, Gen AI and AI Analytics

PCB Design & Fabrication, Firmware Development, Embedded and IoT

Android & iOS Mobile apps and Web Applications
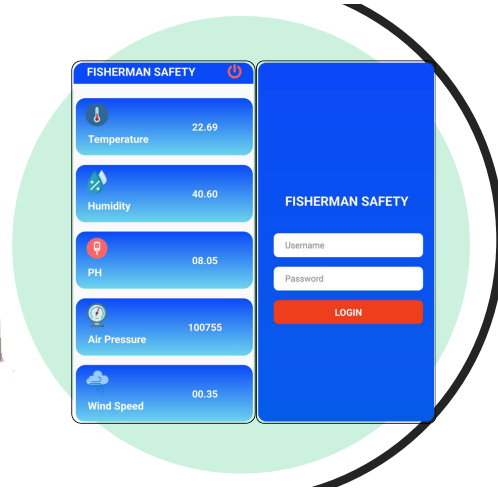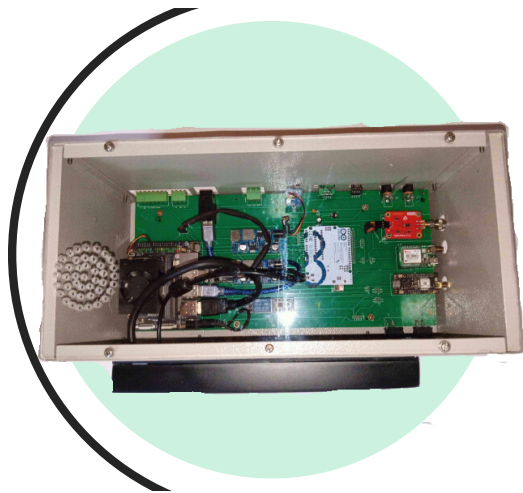
Enclosure Design and Fabrication

Production and Packaging

# OUR PORTFOLIO
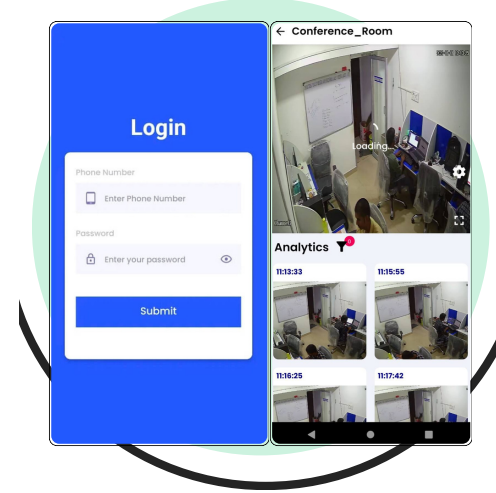
# Fisherman Safety Monitoring Device
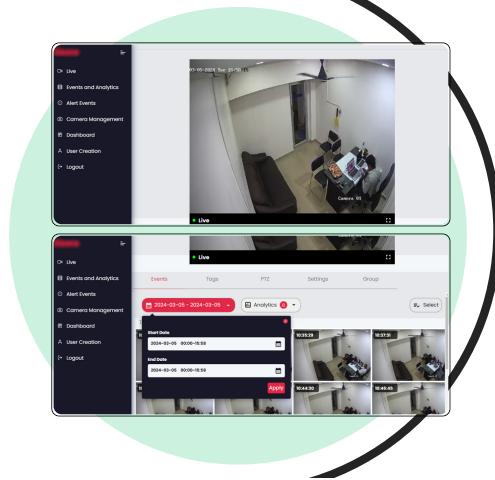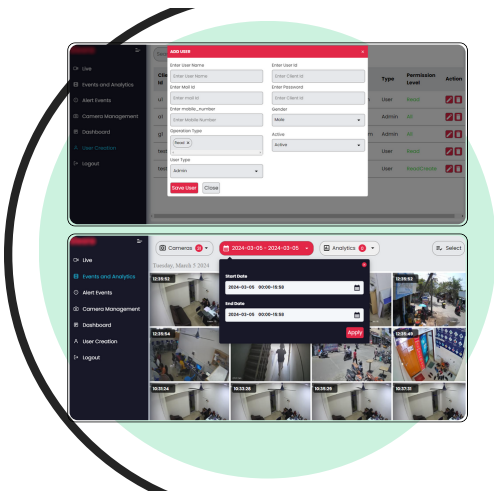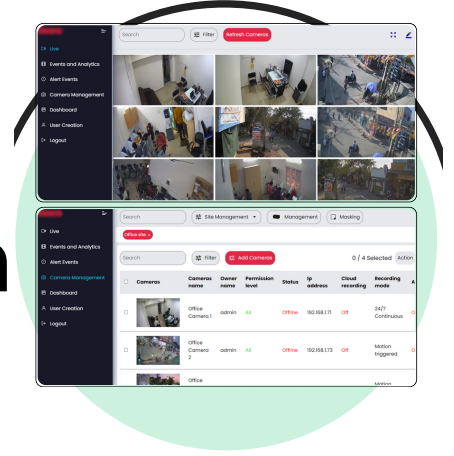## Oman









## Problem Statement

The fishermen lack a centralized device to monitor various critical factors affecting their safety at sea. These include environmental conditions, such as weather patterns and wind speeds, oil leakage from their boats, alert systems for potential pirate attacks, and fire detection mechanisms. Additionally, there is a lack of wireless communication capabilities with the seashore team, hindering timely response to emergencies.

## Solution

- Introduction of a 360-degree AI camera monitoring system
- Radius location alert system to retain the boat's home location
- LoRa-based wireless communication with the coastal region
- Environmental condition monitoring sensors
- AI-powered pirate detection and alerting system
- Wireless switching for remote control from the coastal dashboard
- Mobile app for monitoring and emergency alarms
- Cloud-based data storage for viewing on dashboard and app

# Cloud-Based AI Surveillance System
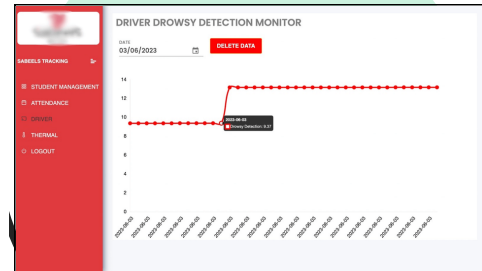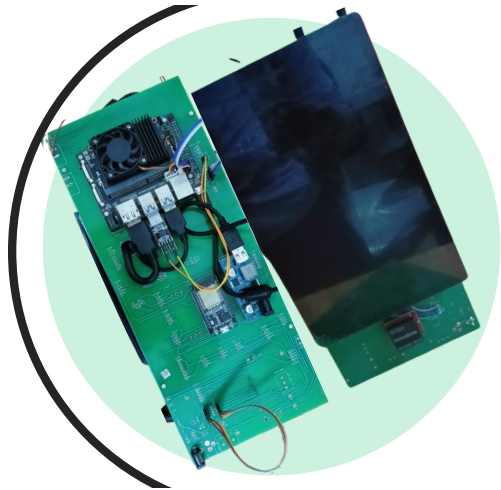## India



## Problem Statement

Traditional CCTV cameras lack AI (Artificial Intelligence) support and cloud connectivity, limiting their ability to provide advanced features such as real-time video analytics, intelligent object detection, and remote access to footage. This deficiency hampers the effectiveness of surveillance systems, leading to increased security risks, limited operational insights, and inefficient monitoring processes.

## Solution

- Developed an AI cloud adapter that integrates with traditional CCTV cameras.
- Empowered CCTV cameras with AI-enabled real-time video analytics for object detection, facial recognition, and activity monitoring.
- Enabled seamless connectivity to cloud services, allowing for remote access to live video feeds, storage of video footage, and scalability of surveillance infrastructure.
- Improved operational efficiency by automating surveillance tasks.
- Web and mobile app for monitoring all events, access to live video feeds, alerts, etc.
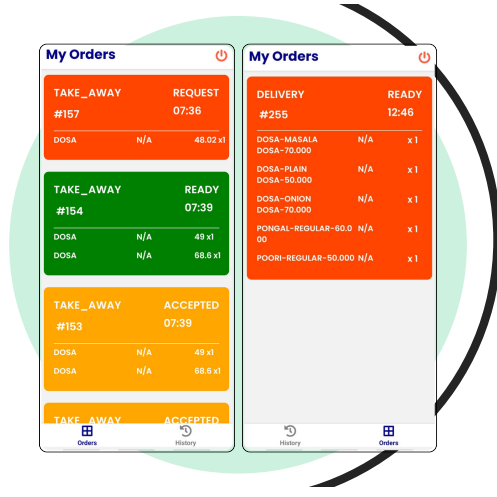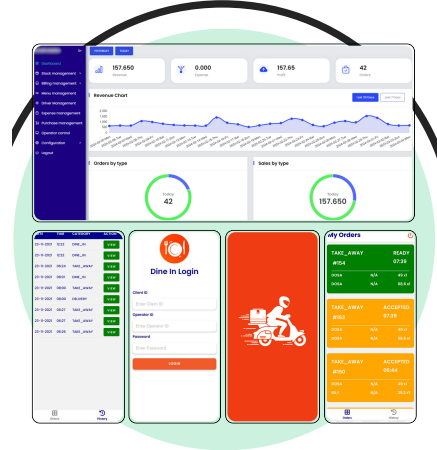
# Child Safety Monitoring in Bus
## Dubai



## Problem Statement

Parents are concerned about the safety of their school-going children, especially regarding their boarding and returning home safely on the school bus. Additionally, there are worries about driver drowsiness and instances of children becoming unconscious or unwell during the journey, going unnoticed and remaining on the bus beyond their intended destination.

## Solution

- A dual-camera integrated system to monitor bus conditions.
- One camera focuses on facial recognition for AI-based attendance systems.
- The other camera focuses on detecting driver drowsiness.
- Temperature monitoring thermal system to detect the presence of students inside the bus.
- Integration of an automated bus door closing and opening mechanism.
- Development of a mobile app for monitoring and receiving alerts regarding bus conditions and student safety.

# POS, Delivery, Captain & KOT app
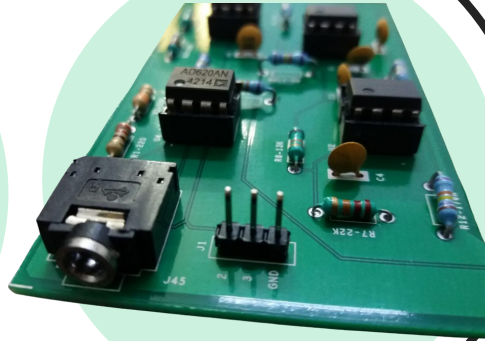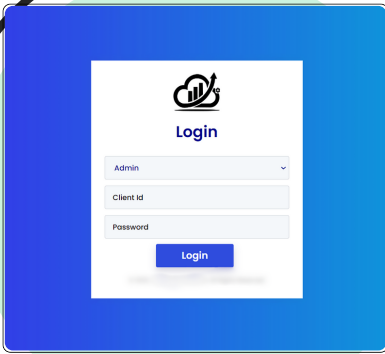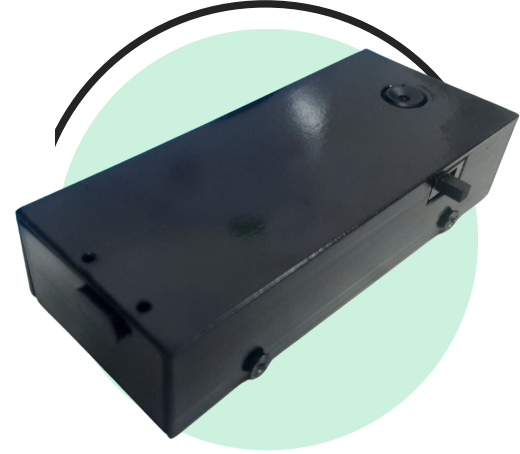## India



# Problem Statement

Despite the integration of multiple apps catering to different aspects of restaurant management such as POS, delivery, KOT, takeaway counter, and captain app, restaurant owners are facing challenges in their operations. There's a lack of centralized control and communication, leading to confusion and delays in order processing, delivery management, and customer service.

# Solution

- Developed a comprehensive food delivery app with integrated features.
- Created a dedicated KOT app for kitchen operations management.
- Designed a POS web app for order processing and inventory management.
- Developed a captain app for efficient order fulfillment and delivery tracking.
- Integrated inventory management functionalities.
- Included analytics tools for data-driven decision-making.
- Ensured robust security measures for customer data protection.

# Food Temperature Monitoring Device
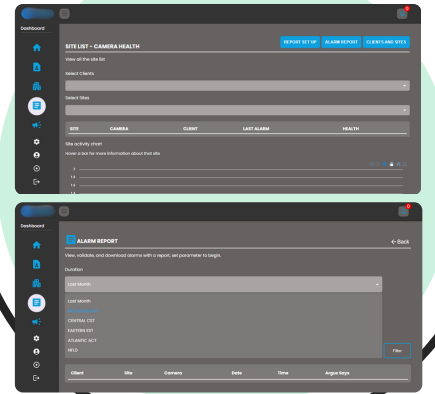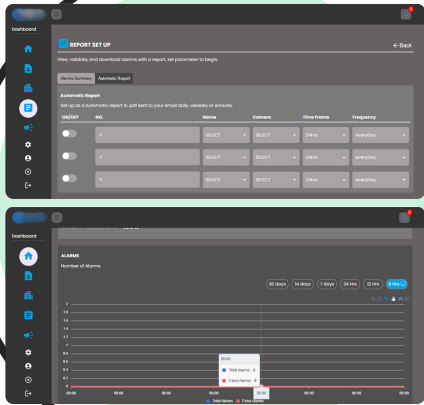## Singapore









## Problem Statement

In cruise ship buffets, maintaining optimal temperatures for various food items is crucial to ensure food safety and quality. However, the traditional method of manually opening and closing food containers to check temperatures using temperature measurement devices is both time-consuming and disruptive to the dining experience.

## Solution

- Developed an IoT device equipped with a thermal camera to continuously monitor the temperature of food items in buffet restaurants.
- Real-time Data Transmission: Sends temperature data to the cloud every 5 seconds.
- Created an admin panel interface for restaurant managers to monitor temperature readings for each food item in real-time.
- Instant Notifications: Alerts staff to abnormal temperatures.
- Non-intrusive Monitoring: Maintains food safety without disrupting diners.
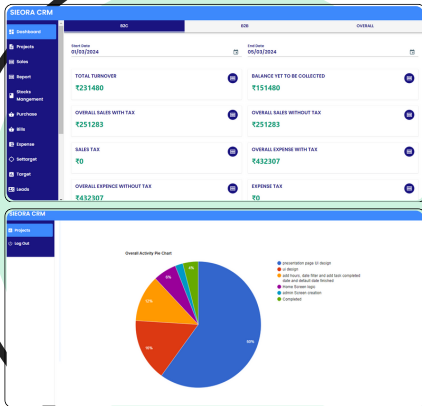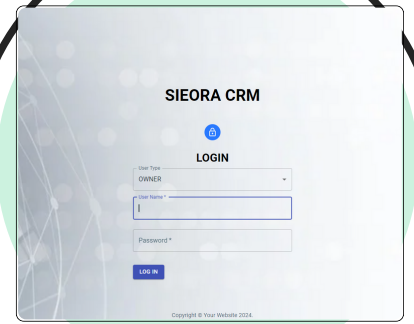
# Construction Site Surveillance
## Canada



## Problem Statement

The problem statement for this project is the ineffective monitoring of a large construction site, leading to security lapses and material theft. Security personnel lack attention to detail, often noticing incidents only after materials have been stolen. This results in financial losses and project delays. Additionally, there are issues with unauthorized access to restricted areas and safety hazards due to inadequate surveillance.

## Solution

- Implemented a high-performance AI video management system with:
- Person Intrusion Detection, Cloud Events Storage.
- Multi-Site Management.
- Dedicated Mobile and Web Applications for monitoring events and receiving instant notifications.
- Intelligent Analytics for proactive security measures.
- Customizable Dashboard for real-time monitoring and decision-making.
- Integration with Existing Systems for seamless operation.

# CRM, HR, and Inventory web app
# India

SIEORA CRM
LOGIN
User Type
OWNER
User Name *
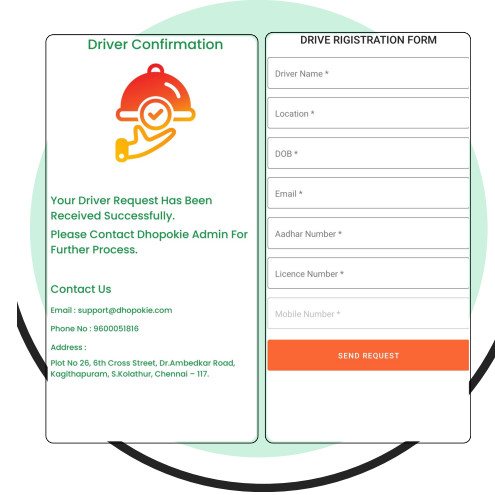Password *
LOG IN
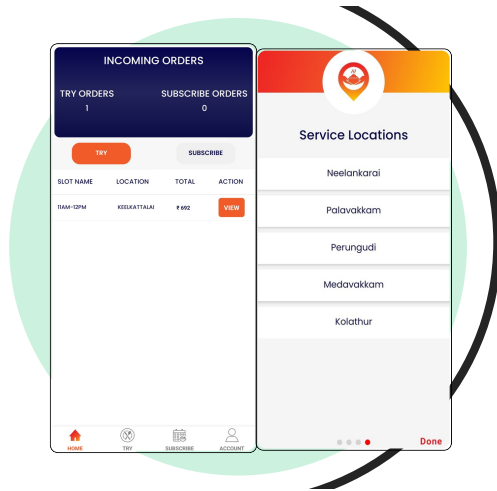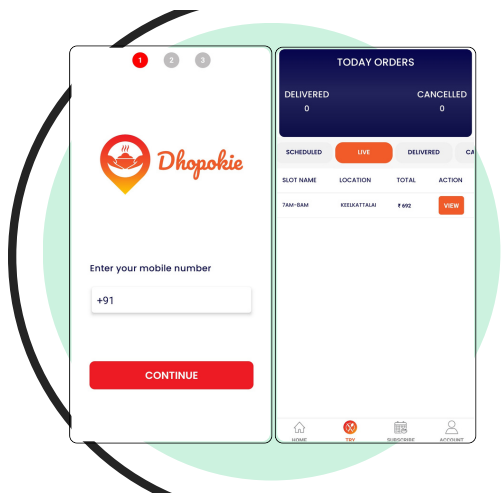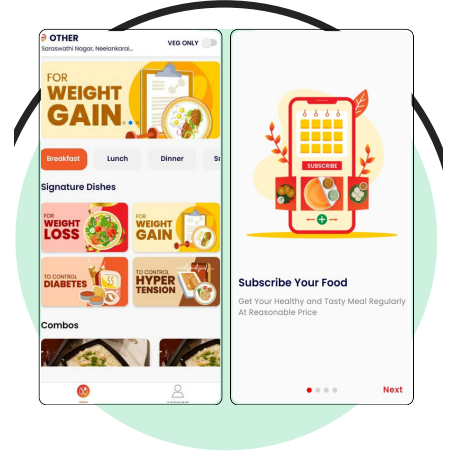Copyright © Your Website 2024.

## Problem Statement

Organizations still struggle with fragmented systems for CRM, HR, and inventory management. Employees are forced to manually enter data into multiple systems, wasting valuable time. Inadequate coordination between CRM and inventory management can result in delayed deliveries and loss of revenue. Without unified HR management, organizations may struggle with accurate employee records.

## Solution

- Developed an integrated CRM system with HR and inventory management features
- Employee profiles, Leave management, Performance evaluations, etc.
- Enhanced inventory management within CRM like Inventory tracking, Order management, Supplier management, etc.
- Seamless integration between CRM, HR, and inventory
- Reports and data analytics
- Invoice, sales order, and purchase order generation

# Food Ordering & Delivery app
## India



## Problem Statement

In the rapidly evolving food industry, restaurant owners face challenges in efficiently managing food delivery services while simultaneously maintaining a seamless food ordering experience for their customers through a dedicated app. Additionally, managing customer preferences, order tracking, and feedback across multiple platforms further compounds the challenge.

## Solution

- Developed a user-friendly mobile app that allows customers to browse the restaurant's menu, place orders, customize their preferences, and make secure payments effortlessly.
- Ensured a seamless ordering experience with intuitive navigation, real-time updates on order status, and the ability to track delivery progress.
- Developed a dedicated mobile app for delivery personnel to receive, manage, and fulfill orders efficiently.
- Implemented route optimization features to help delivery personnel navigate efficiently to delivery destinations.

# YOUR BENIFITS

- Save 50% of the development cost

- In-house team in all domains

- Exceptional end-to-end support

- Transparent communication

# Key Personnel

At the heart of every successful venture lies a cohesive and skilled team. Our team at SIEORA embodies a diverse blend of expertise, passion, and dedication. We believe that our collective strengths, coupled with our shared vision, make us uniquely positioned to excel in delivering exceptional results. With over 20 dedicated members, our team is robust and well-equipped to tackle the challenges ahead.

## Muhammad Yaqoob
*CEO*

## Lokesh Gopi
*CTO*

## Mohammad Ibrahim
*Operations Head*

## Tahmina Tahseen
*R&D Head*

# CONTACT INFORMATION

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