iOS Mobile App

PROJECT# 1. Tubolito – Smart Tire Pressure Monitoring App

App Link

https://apps.apple.com/in/app/tubolito/id1529870773

Key Features

- Developed a native iOS application using **Swift** and **Apple Core NFC**.
- Integrated **STMicroelectronics ST25 NFC microchips** for wireless tire pressure reading.
- Enabled instant, battery-free tire pressure monitoring through NFC tag scanning.
- Implemented real-time pressure data visualization with a simple tap-and-read user experience.

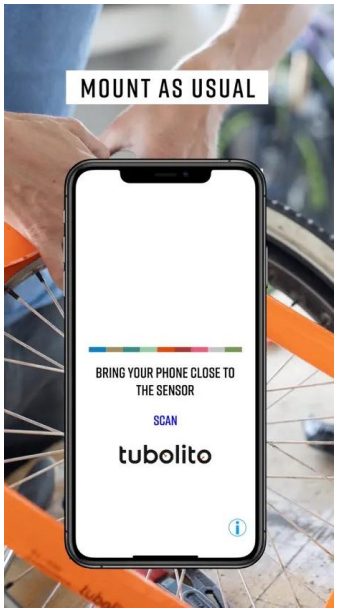
Technologies Used

- Swift
- Core NFC
- ST25 NFC Microchips
- iOS Native Development

Client

Tubolito GmbH – Manufacturer of innovative smart bicycle tire solutions and NFC-enabled pressure sensing products.
Client Location: Austria





PROJECT# 2. TAR System – NFC Product Authentication Platform

App Link

https://apps.apple.com/in/app/tar-system/id6448125946

Key Features

- Developed a native iOS application using **Swift** and **Apple Core NFC** for product authentication and traceability.
- Implemented NFC-based product verification to validate genuine products throughout the supply chain.
- Developed **Retail Registration** workflows for onboarding and managing retail partners.
- Implemented **Box Writer** functionality to map and associate products with NFC-enabled packaging for inventory and distribution tracking.

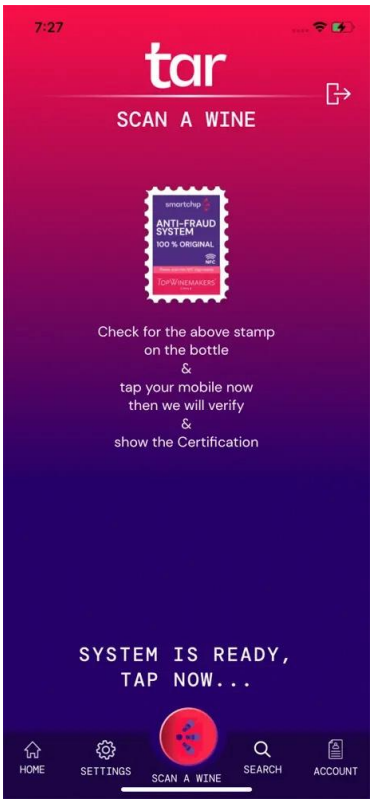
Technologies Used

- Swift
- Core NFC
- NFC Tag Programming & Reading
- REST APIs
- iOS Native Development

Client

TAR System – Product authentication and supply chain traceability solution provider leveraging NFC technology for anti-counterfeit protection and retail operations.

Client Location: Chile







PROJECT# 3. Employee Tracking System & QHSE

App Link

https://apps.apple.com/in/app/e-tracksys-qhse/id6460692225

Key Features

- Developed a native iOS application using **Swift** for Quality, Health, Safety, and Environment (QHSE) management and workforce monitoring.
- Implemented incident management workflows including incident creation, employee assignment, report generation, and support for photo/video evidence attachments.
- Integrated live tracking records through backend APIs, enabling users to monitor assets and personnel tracked by the RFID-enabled backend system.
- Developed certificate expiry alerts, push notifications, and human accident reporting workflows with body-part selection and manager notification features.

Technologies Used

- Swift
- UIKit
- REST APIs
- Push Notifications
- iOS Native Development

Client

DEAP VISION LTD – Provider of digital workforce automation and QHSE monitoring solutions.

Client Location: UAE







PROJECT# 5. TagWay ICE

App Link

https://apps.apple.com/in/app/tagway-ice/id6747594821

Key Features

- Developed a SwiftUI-based RFID inventory and tracking application.
- Integrated RFID scanners for jewellery and diamond inventory management.
- Enabled real-time stock identification and inventory verification.
- Optimised large-scale RFID data loading and processing workflows.

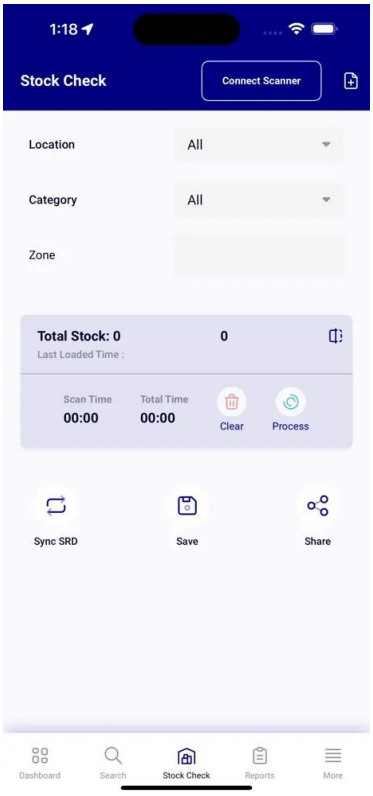
Technologies Used

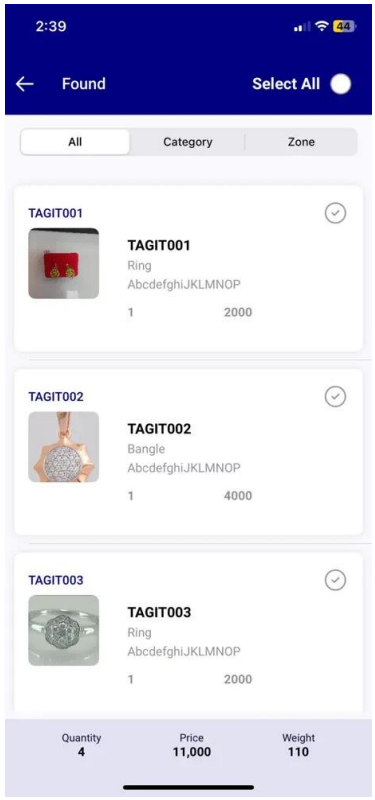
- SwiftUI
- RFID Integration (ZEBRA READER)
- REST APIs
- iOS Native Development

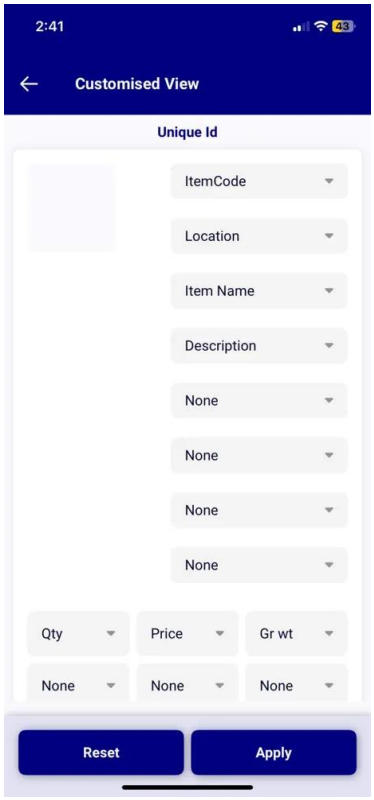
Client

TAGWAY SOLUTIONS DMCC – RFID technology solutions provider for the diamond and jewellery industry.

Client Location: UAE







PROJECT# 6. RFIDify

App Link

https://apps.apple.com/in/app/rfidify/id1610067960

Key Features

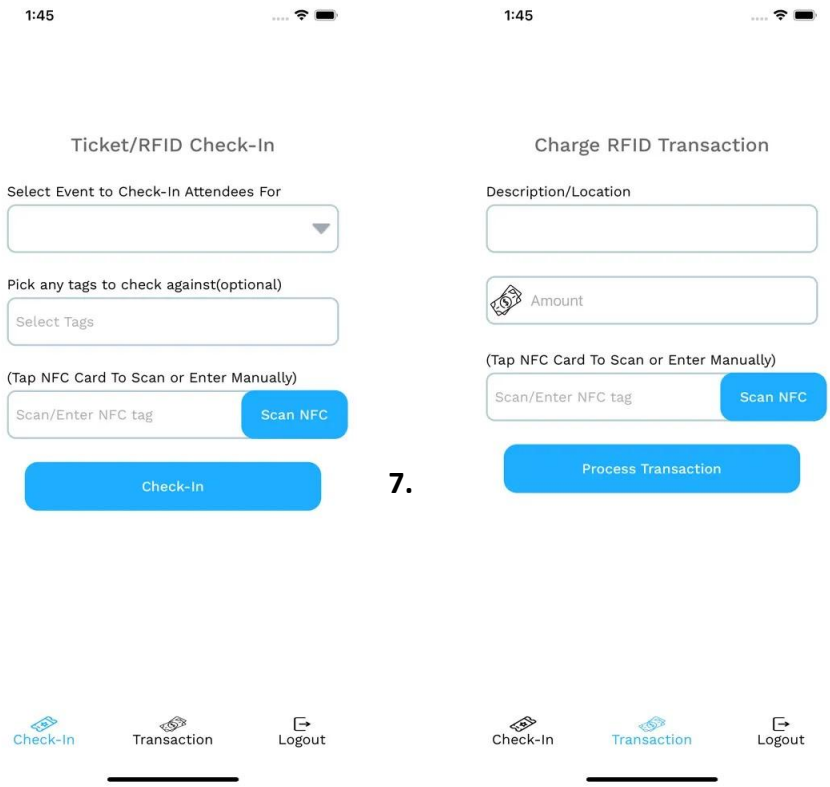
- Developed an RFID-enabled event management and cashless payment application.
- Integrated NFC/RFID wristband scanning for attendee identification.
- Enabled event ticketing, access control, and cashless transactions.
- Implemented cloud-based event operations and vendor management features.

Technologies Used

- Swift
- Core NFC
- RFID Integration
- REST APIs
- iOS Native Development

Client

RFIDify LLC – Provider of RFID cashless payment, ticketing, and event management solutions.
Client Location: USA



7.

PROJECT# 7. Golden Plates – Shopify-Based E-Commerce Platform

App Link

https://apps.apple.com/app/golden-plates/id6742231292

Key Features

- Developed a native iOS application using **Swift** integrated with the **Shopify** e-commerce platform.
- Enabled customers to browse products, check real-time stock availability, and view ongoing offers and promotions.
- Implemented guest checkout functionality, allowing users to place orders without creating an account.
- Developed customer account management and order history features for tracking and reviewing previous purchases.

Technologies Used

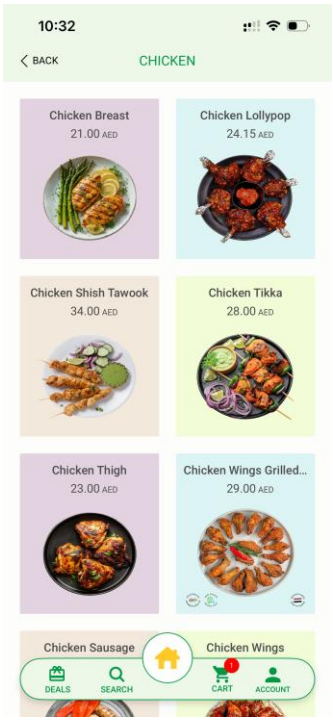
- Swift
- Shopify Storefront API
- REST APIs
- UIKit
- iOS Native Development

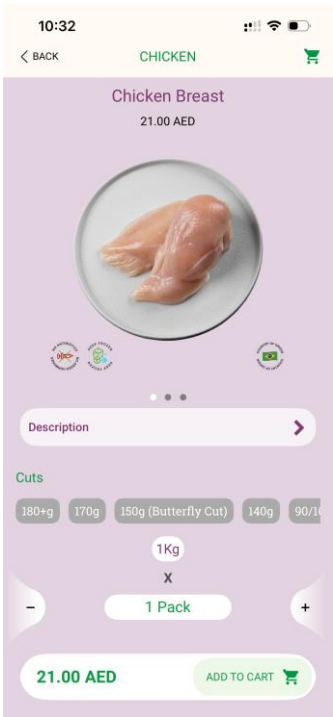
Client

Golden Plates – Shopify-powered e-commerce platform providing online product ordering and inventory management solutions.

Client Location: UAE







PROJECT# 8. Golden Dunes – Warehouse & Sales Management System

Key Features

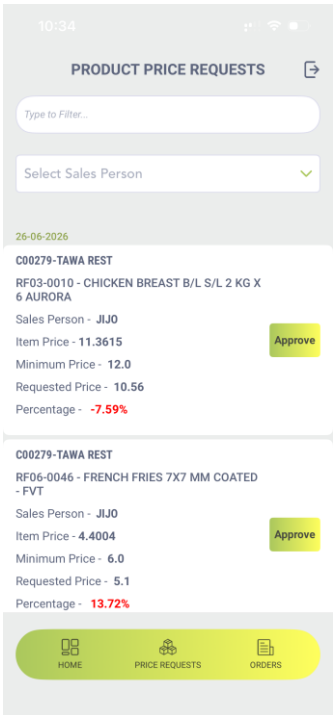
- Developed a native iOS application using **Swift** to streamline warehouse operations, sales workflows, and customer order management.
- Implemented role-based access for **Customers, Sales Representatives, Sales Managers, Invoice Team, Management, and Delivery Personnel**.
- Developed approval workflows for **bulk orders, free-of-charge (FOC) requests, and customer-specific price adjustments**, requiring Sales Manager or Management approval.
- Integrated with **SAP** through REST APIs for invoice processing and enterprise resource planning synchronisation.
- Implemented delivery management features, including order fulfillment, payment collection, item returns, and day-to-day delivery tracking.

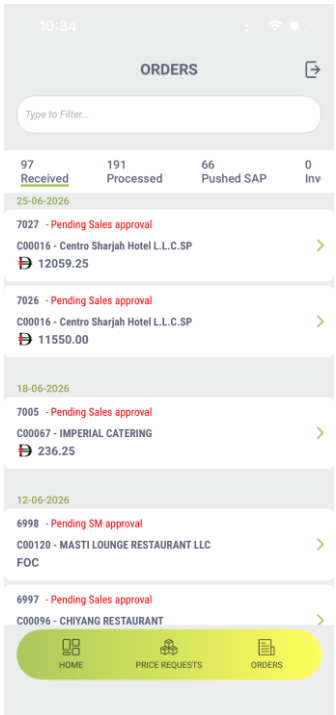
Technologies Used

- Swift
- UIKit
- REST APIs
- SAP Integration
- Role-Based Access Control (RBAC)
- iOS Native Development

Client

Golden Dunes – Warehouse, distribution, and sales management solution provider focused on streamlining order processing, inventory operations, and delivery workflows.
Client Location: UAE







PROJECT# 9. Passport KYC Verification System

Key Features

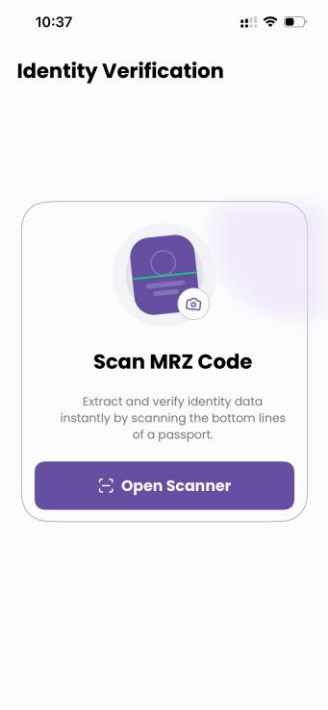
- Developed a native iOS application using **Swift**, **Core NFC**, and **MRZ (Machine Readable Zone)** technology for digital identity verification.
- Implemented passport scanning and MRZ extraction to securely retrieve passport details for customer onboarding.
- Integrated NFC-based ePassport reading to validate passport chip data and verify document authenticity.
- Enabled automated KYC verification workflows for bank account registration and customer identity validation for **US and Vietnam passport holders**.

Technologies Used

- Swift
- Core NFC
- Passport NFC (eMRTD) Reading
- MRZ Parsing & Validation
- REST APIs
- iOS Native Development

Client

Banking & Financial Services Client – Digital KYC and customer onboarding solution leveraging passport MRZ and NFC verification for secure identity validation.
Client Location: Spain



PROJECT#10. Nexelec TOUCH – NFC Device Configuration App

App link

https://apps.apple.com/in/app/nexelec-touch/id6477816960

ShouEMA:

https://apps.apple.com/pl/app/shouema/id6477866974

Key Features

- Developed a native iOS application using **Swift** and **Apple Core NFC** for configuring Nexelec NFC-enabled devices.
- Integrated **STMicroelectronics ST25 NFC microchips** to read and modify device parameters through NFC communication.
- Implemented secure NFC-based device configuration with real-time parameter updates.
- Enabled quick device commissioning and maintenance through a simple tap-and-configure workflow.

Technologies Used

- Swift
- Core NFC
- ST25 NFC Microchips
- REST APIs
- iOS Native Development

Client

NEXELEC – A French IoT company specializing in connected safety devices, smart sensors, and NFC-enabled industrial solutions.

Client Location: France

