Logistics Monitoring Solution

Overview:

The project dealt with developing an iOS application for a highly reputed and well-established player who is in the business of renting out product supplies. The client makes renting products simple with their elegant solutions. Each product has its own unique identity which can be easily tracked through the supply chain on the cloud based software. After analyzing their need, team@Mindfire offered to develop and maintain the iOS app which helps to track their products from manufacturing units to consignees and helps the production facilities make data backed decisions. In addition to development, the team is also involved in rolling out regular updates as per the business requirements and bug fixing. The solution helps bring more finesse in the shipping process, making it more secure, timely and convenient.

Client details:

Name: Confidential | **Industry:** Transportation & Logistics | **Location:** Australia

Technologies:

iOS, Swift, Xcode, Realm

Project Description:

The client has a global online presence in major countries and cities. It is in the business of renting out various products to breweries and pubs and accepts collection-requests after their consumption. Offering favorable, timely logistical handling capabilities are important factors the company focuses on.

Key Features of the Project

- The primary aim of the project was to fix the bugs in their live application and enhance the UI/UX experience for their end user. After detailed understanding of the complete workflow of their application, developers at Mindfire helped to fix critical bugs which required immediate attention.

- Since the code written earlier had become obsolete, the next challenge was to make the iOS code compatible with the latest iOS versions. This was addressed by updating the legacy code with one that adhered to the latest version.

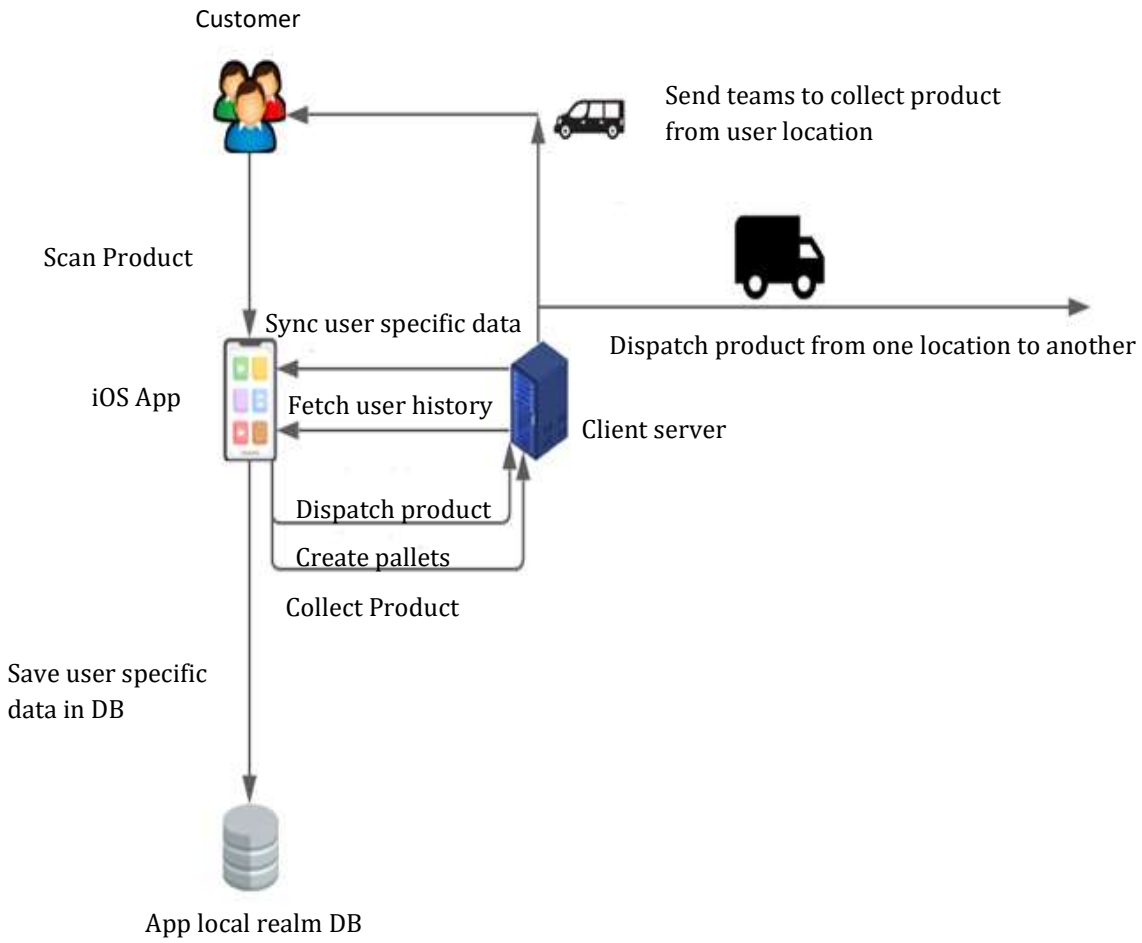
- The client faced multiple issues related to data sync up and the issues were fixed after thorough scrutiny of app requirements and user feedback.

- Generally, customers of the client at various locations make several product dispatch-requests in a day. It was noticed that with the increase in the number of such requests, the frequency of dispatch failures was going up. In order to counter that, a thorough analysis of the existing workflow was made and corrective measures implemented. This not only helped the client reduce their ticket numbers but also ensured timely and orderly response to dispatch-requests.

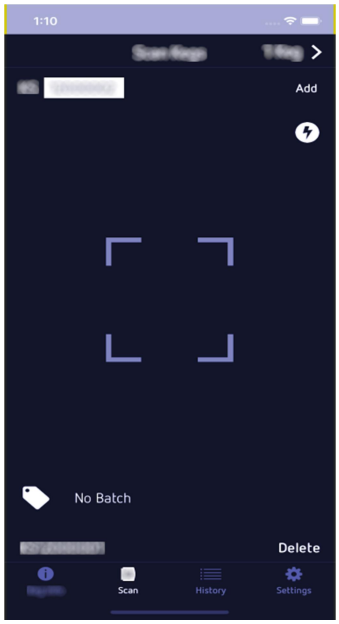
- After the initial launch, the app used to take a long time to sync data from the server. By the introduction of the realm database, the sync time reduced to a few seconds. This helps provide the client and its customers a hassle free experience.

- The updated app helps to increase user engagement and provide useful information to the end user. This helps the client to deliver important updates to their customers and stay in touch with them. This was implemented by push notifications in apps.

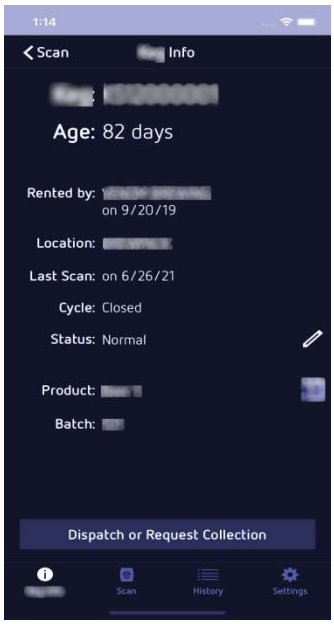
Architecture:



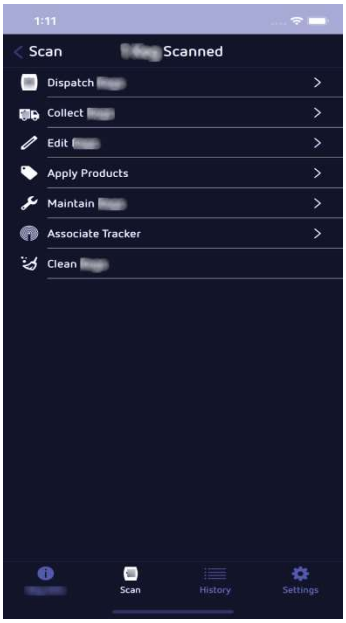
Screenshots



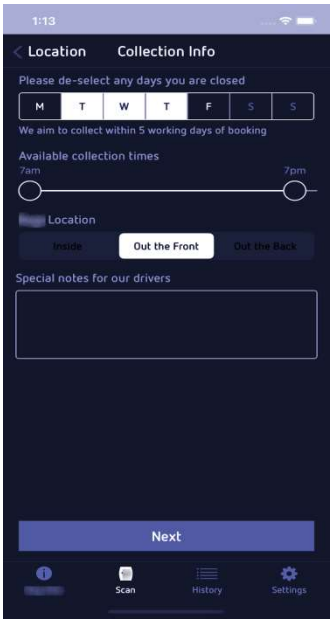
Screenshot 1: Product Scan



Screenshot 2: Product Info

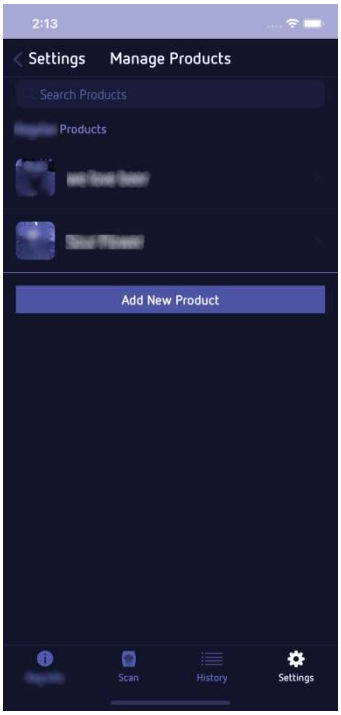


Screenshot 3: Product Options



Screenshot 4: Product Collection

Screenshot 5: Product History



Screenshot 6: Manage Products