



Industry: eCommerce & Manufacturing

Technology: Cocoa Touch, Swift, .Net Core, Azure

Country: United States of America

Client Profile:

Since February, 2003, the client is doing business after getting an official franchise of America's leading furniture manufacturing company. The client's company is selling various home furnishing products such as sofas, couches, chairs, TV stand, storage, beds, dining tables, candles, clocks, and rugs.

Challenges:

The client reached us with a vision to upgrade their iPad application and add cutting-edge features in the same. They needed an iPad app for the proprietors who have purchased a franchise of the client's furniture business. To manage the in-store activities, the client had a Point of Sale (POS9) system. Experts at KCS analyzed the client's need and found the below-listed challenges in their system:

- The previous system was 20 years old and needed a complete revamp
- The UI/UX of the old system was sluggish, unattractive, and less user-friendly
- The customers have to walk all the way to the checkout counter for billing and payment
- As POS9 is set up at one location, store employees experience inconvenience while managing the inventory
- As the client was relying on a POS9 software which runs on a network, it must be updated on a regular basis
- For updating the POS9 system, the client had to spare time and schedule those updates or contact a local vendor to download and install them
- POS9 connects the registers in a store to a centralized network, and this connectivity comes with its risks
- If this POS9 system is not updated regularly, there were a high risk of security breaches

Solution:

After analyzing the client's older system and requirements, experts at KCS concluded that the client needs a whole new iPad application that replaces the POS9 system. Here is the list of solutions we offered to the client:

- To revamp the iPad application, our experts used the latest technologies such as Cocoa Touch, Swift, and .Net Core
- The Cocoa Touch framework helped us to create an eCommerce-type that replaced the old POS9 system
- The framework also helped iPad app in being visually attractive and enhanced the speed of the application
- The Swift programming language helped us in upgrading the UI/UX of the iPad application
- As Swift is a dynamic IOS app development language, it enhanced the overall performance of the client's iPad app
- In order to create APIs for the client's iPad app, our experts used the .Net Core framework
- Using these APIs, our experts were able to add cutting-edge features into the iPad application
- We used Microsoft Azure Cloud for storing and securing the client's business data and information

KCS Approach

As per the client's observations, our experts developed a powerful iPad application. In order to update the UI/UX and make the application more user-friendly, our experts use the latest Cocoa touch framework. The Swift programming language helped iPad application in being dynamic and powerful in terms of response and overall performance. Using the .Net Core framework, our experts coded the APIs that helped them in integrating cutting-edge functionalities into the application. Microsoft Azure secures all the information stored in the iPad application.

Impact

Our solution to revamp the client's iPad application created a lot of positive impacts on the client's business. Their primary requirement to replace their old POS9 system with the latest solution was achieved with this iPad application. Proprietors who have successfully acquired the client's business franchise can use this iPad application and provide a self-checkout facility to their customers. Using this application, customers will no longer have to reach a sales representative for any queries. All the information regarding the product will be available right in this iPad application.

Tech Stack

iOS
Cocoa Touch



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