

Case Study: Roster Import

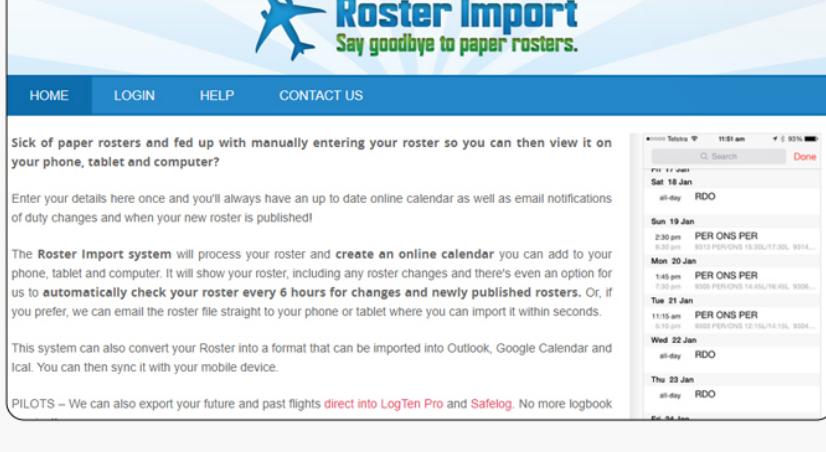
Roster Import is a mobile application that allows pilots and cabin crews to access and stay up-to-date with their rosters with smartphones and other devices. Roster Import approached Digital Aptech to create a simplified, feature-rich app that would replace the need for maintaining a manual roster for flight crews across multiple airlines worldwide.

Avg. reading time: 2 min

Project Overview

- Digital Aptech understood the unique requirements and specifications of the client and decided to develop an iOS and Android app
- We used Objective-C and Xcode for developing the iOS platform and Java for the Android counterpart

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Client Background

- Roster Import is a high-end platform where crews can generate their rosters with the necessary details and follow them on their smart devices.
- The roster can be accessed both offline and online and integrated with Google Calendar, Outlook, Apple Calendar, etc.
- Roster Import is a simplified, feature-rich app that replaced the need for maintaining a manual roster for flight crews across multiple airlines.



Challenges

- The client wanted us to implement a real-time calendar within the app that would help users to stay updated with any changes that take place in their rosters
- The app can be accessed from anywhere that the users want, even when they are offline
- Users should be able to view and share flight statistics with their current as well as new roster
- The client wanted the app to have the option of synchronizing and integrating the roster with Outlook, Google Calendar, and Apple Calendar.

Technology Stack used



Objective-C



XCode



Java



Android Studio

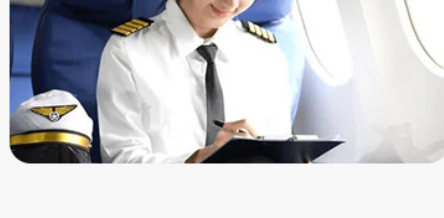


Basecamp 2

The Solution Provided

Solution #1

We developed a smooth and responsive app



Solution #2

The apps are rich with features and with a user-friendly interface dedicated to building and managing a virtual roster for flight crews



Solution #3

This mobile application for airline crew roster that could be easily accessed by all smartphone users



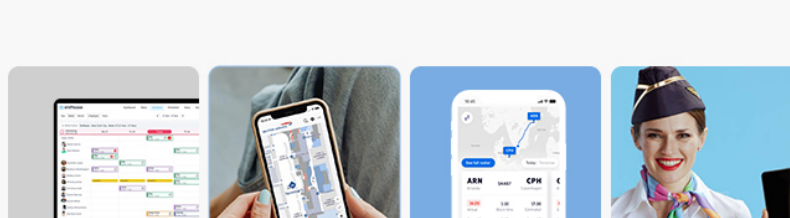
Solution #4

Users can access this app even in offline mode



Key Features and Benefits

- Real-time roster updates
- Accessible even offline
- Compatible with multiple devices and OS
- Option to share flight statistics and roster to other devices
- Roster synchronization with Google Calendar, Apple Calendar, Outlook

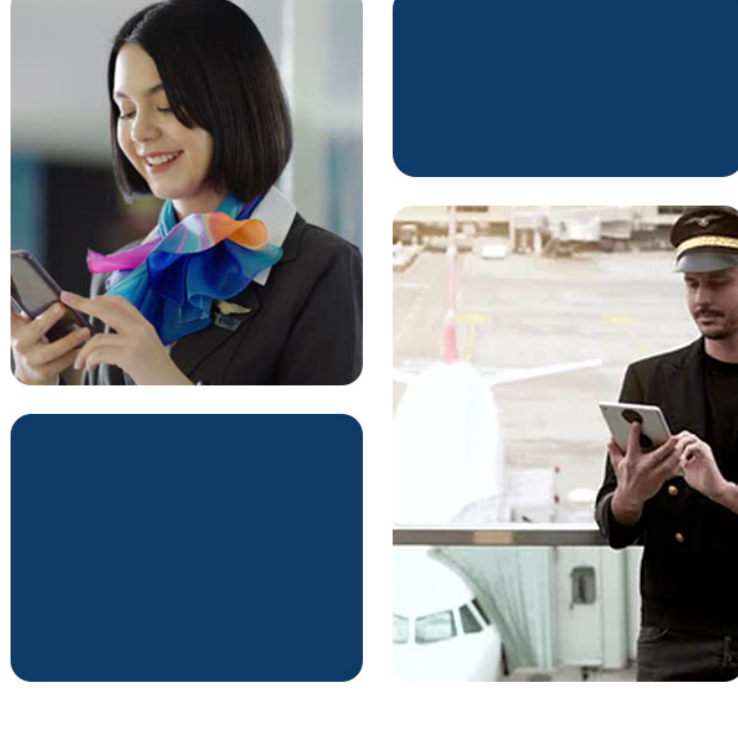


The results

- Flight crews and pilots can easily track routes, flights, and distances traveled for each roster. They could also share the statistics with friends, co-workers and others via social media if required
- Users get a notification of the newly published roster or other modifications in changes with an auto-check facility
- Crews can effortlessly synchronize and integrate their rosters in Outlook, Google Calendar, Apple Calendar
- The app supports almost all major airlines of the world, as it uses Merlot, Jeppesen, Geneva, AIMS, etc.

Conclusion

- Airline crews can use the app on different devices like smartphones, tablets, laptops, etc, without any compatibility issues
- The app supports rosters for crews of multiple airlines. So, the app has vast usability.
- Users have been highly satisfied as they do not need to maintain paper rosters.
- Improved brand awareness and profitability as more crews began to join the Roster Import app



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