

Layover

Overview:

When given my task, I was asked to create a mobile application for people in a similar scenario that was given. In this document I will go over the general audience of my app, its purpose, the functions of the app, and what problems this mobile application can solve.

Audience:

The audience of the mobile application will be geared towards travelers in airports. More specifically, it will be beneficial to travelers who have layover flights and/or cancelled flights. Although this is the intended audience, the mobile application is still useful to travelers in airports in general. The age range will be geared towards teenagers/young adults with smart phones all the way to elders with smart phones.

Purpose:

The purpose of my mobile application is simple: help people get to where they need to be. Some of the key features of the app are as followed:

- Flight Details
- Airport Directory
- Weather Report
- Interactive Map
- Reminders / Warnings
- Group Traveling
- Hotel Finder
- Transportation Finder

You're probably wondering, "Those sound nice, but what do they do?" I will expand on those features further in this document. Please keep reading to learn more about these features.

Flight Details:

In this mobile application, you have the option of plugging in your flight information (which is highly recommended for the app). To make this process easier, you can plugin your first and last name and flight # and all your information will be stored in

the application. Don't have your flight #? No problem. If you choose to not plugin your information whenever you initially book your flight, you can whenever you get your flight ticket at the airport. It's simple; all you will have to do is take a screenshot of your ticket in the application. From there it will pull all the information about your flight.

The purpose of plugging in your information into the application ahead of time is so that it can send you reminders whenever your trip is coming close, and also give you updated information on whether your flight is on time or delayed, if there is a gate change, or if your flight has been cancelled.

Airport Directory:

Once in the airport, the mobile application will pick up your GPS location and supply a directory of all the available numbers in the airport. This includes: food places, security, help desk, airline number, shops, and medical emergencies.

Weather Report:

The weather report in this mobile application is located on the home screen of the app. It will correspond with your flight and show you the weather conditions hourly for your departure or arrival flight.

Interactive Map:

The Interactive map feature in this mobile application is by far my favorite. This interactive map has 4 different features for everyone's needs. The first one is your flight detail map. In this interactive map, it will show you your current location and where you need to be in order to catch your flight. It will drop red markers on both locations, and will also provide a blue "path" that will show you how to get to point A from point B and how long it will take.

The second interactive map is "your group". For this map to work, you must have people added in your group who are flying with you. This map will drop red markers on where everyone in your group is. For this feature to work, all members must have the application as well. This feature is nice to have when you travel in

large groups. It will keep track of everyone and help you locate them if you need to board the plane or various other reasons.

The third and fourth interactive maps, Food and Services, are intended to show you what food choices are available, and where they are at, and also show you shops and services provided in the airport/terminal. If you need help getting to either location, the map will show you how to get there and how long it will take.

Reminders/Warnings:

This feature in the mobile application is to ensure that the flyer is always up-to-date on their flight. If their flight information is plugged into the app before the day of their flight, the mobile application will send a notification reminding them when and where their flight is. This will show up on the notifications screen on the iPhone and will also be available in the application in the upper right hand corner. Whenever there are unread notifications, it will be solid yellow. Some of the warnings could be: flight delays, bad weather, gate closing soon, last call to board plane, etc.

Group Traveling:

This feature in the mobile application is perfect for people who travel in groups and tend to lose members in their party. With this feature, you can create “Your Circle” which will show members in your group, where they are at, where they are sitting on the plane in relations to you, and will let you chat with them through the application’s chat room feature. You can start a private chat with one member or a group chat with all members in your circle. This is perfect for if you’re traveling internationally and cannot use your phone to contact members in your group.

Hotel/Transportation Finder:

Flight got cancelled and you have no other options? No problem. If your flight is cancelled, or you miss your overlay flight, the application will automatically pop up options for you. If you’re stuck overnight, it will show you hotels close by, the cheapest price, and the star rating. For the transportation finder, it will find other options (if possible) to get you to your destination if you missed your flight or it got cancelled. Options could include: taxi, bus, shuttle, train, and/or another flight.

Additional Information:

Though it is not in the wireframes, the Transportation and Hotel Finder can be found in the “More” button in the footer. Once this button is clicked, a navigation will slide in from the right side. This menu contains the following links: Hotel Finder, Transportation Finder, and Account Settings.