

PROJECT BRIEF

Client:	Airplane Owners and Pilots Association (AOPA)	Deadline:	November 10, 2020
Project Name:	Preflight App	Author:	Peter Hoefgen

THE ASK

What is the objective of the project?

Here you need to define the problem: the need statement that you have chosen to address, the target audience (who the apps users will be)

And describe your solution: what your mobile app will be and how it meets the need statement

In her interview Mary stated that she needs to find a way to make preflight easier so that she can spend more time on her love of flying. Our solution to this problem would be to create a mobile app that helps with preflight making it both easier and quicker.

What are the deliverables?

Here you need to define your minimum viable product - exactly what it will include (you should include the number of screens and what would be on each screen).

And describe your three additional features - exactly what they will be (and whether they will be embedded on existing screens or if they will add screens to the app). List them in order of priority.

Our minimum viable product would be a pre-flight plan app that would automatically update the day of the flight. The app would consist of:

1. A homepage
 - a. With access through buttons to other tools
2. Navigation Log Form
 - a. That updates with information real-time statistics

3. Wind Drift Correction Tool
 - a. Allowing pilots to input windrift and it will automatically calculate the drift and place into the Navigation Log Form
4. Check Plane Checklist
 - a. That allows for preflight checking

Additional Features:

1. Real Time Updates - we want to build in real-time updates from governmental weather agencies that removes the need for a wind drift correction tool and automatically calculates the wind drift and builds it into the Navigation Log Form
2. GPS Tracking - We want to create a tool that will allow for GPS tracking during flight that will show departure, arrival and current locations on a map on the home pages
3. Destination Information - We want to create a page that allows information on hotels, restaurants, and activities once the flight is done.