Beta Presentation
Mobile Avionics Weather

The Capstone Experience

Team GE Aviation

Eric Cook
Mike Dunn
Drew Space

Department of Computer Science and Engineering
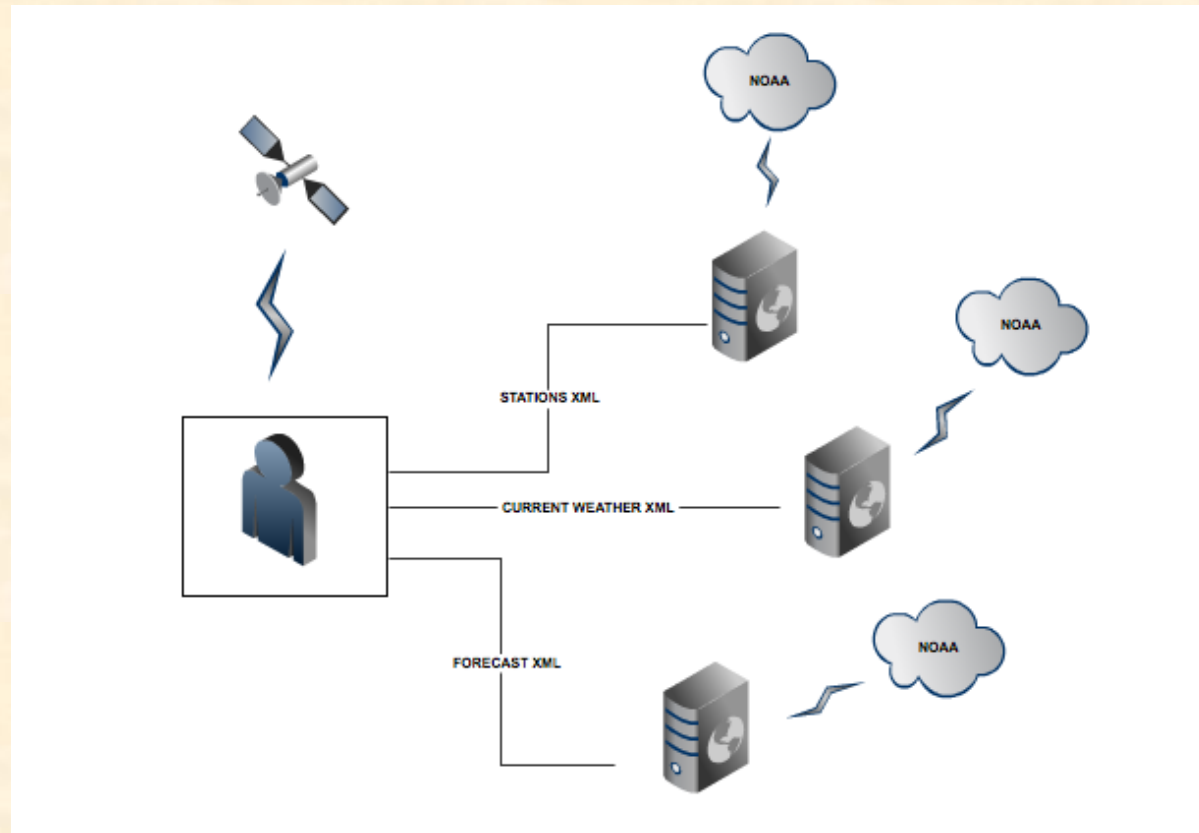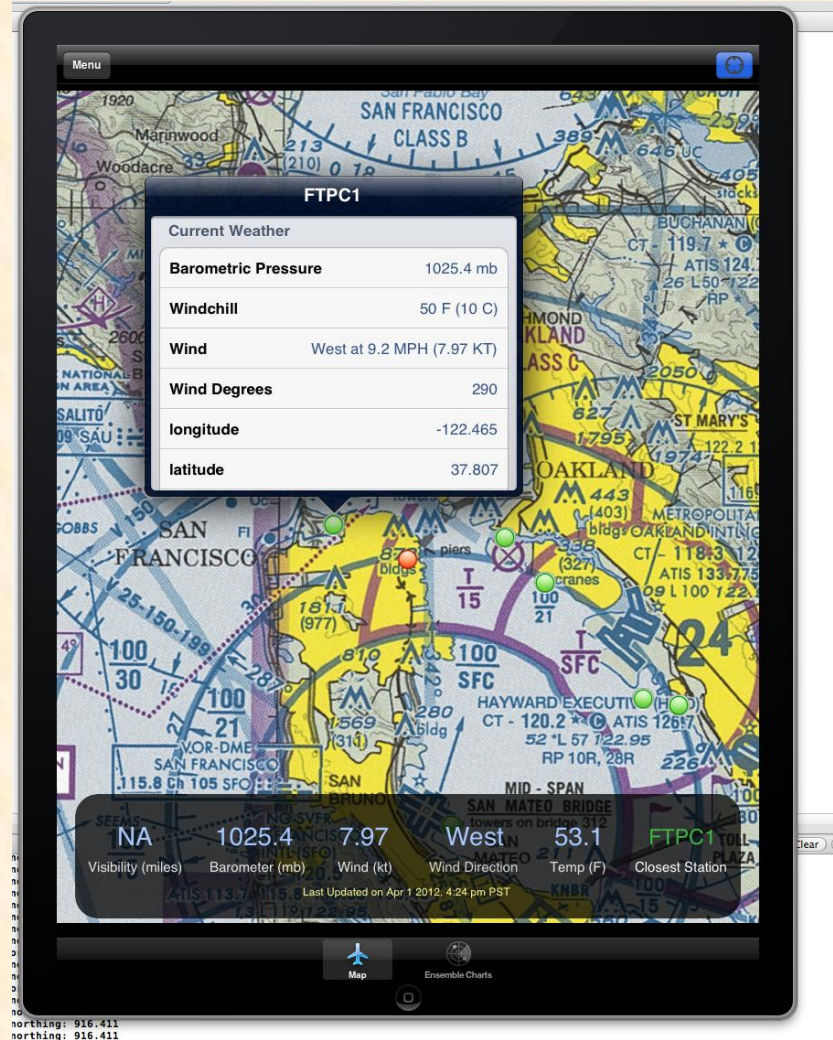Michigan State University

Spring 2012

Project Overview

- Tablet based application for iOS
- Retrieve and display weather data in a format useful for aviation industry.
  - Pilots, and other aviation staff
- Easy to use and intuitive UI (user interface).
- Use of *FAA flight charts instead of Google Maps
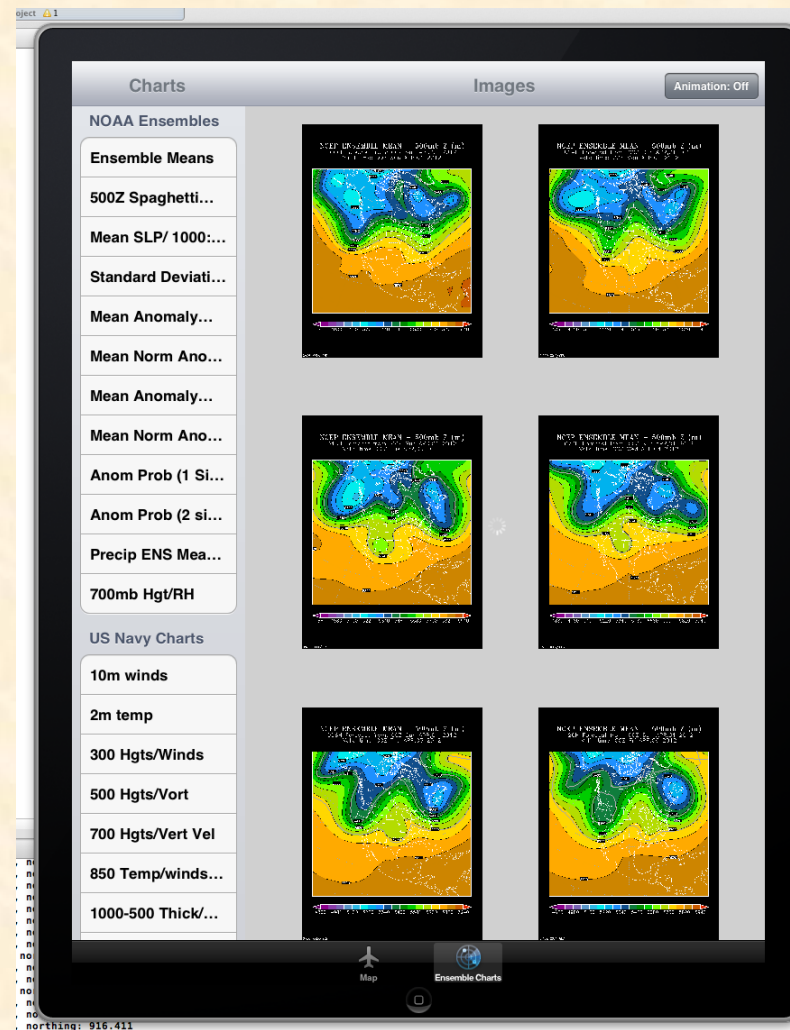 - *Federal Aviation Administration

System Architecture
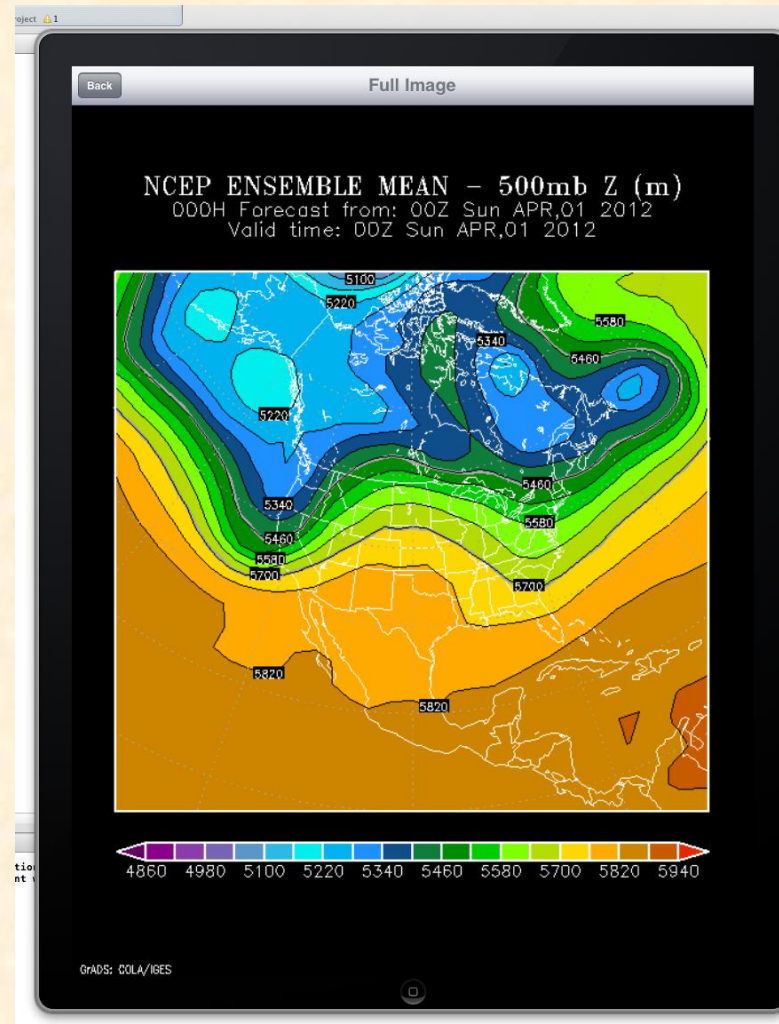

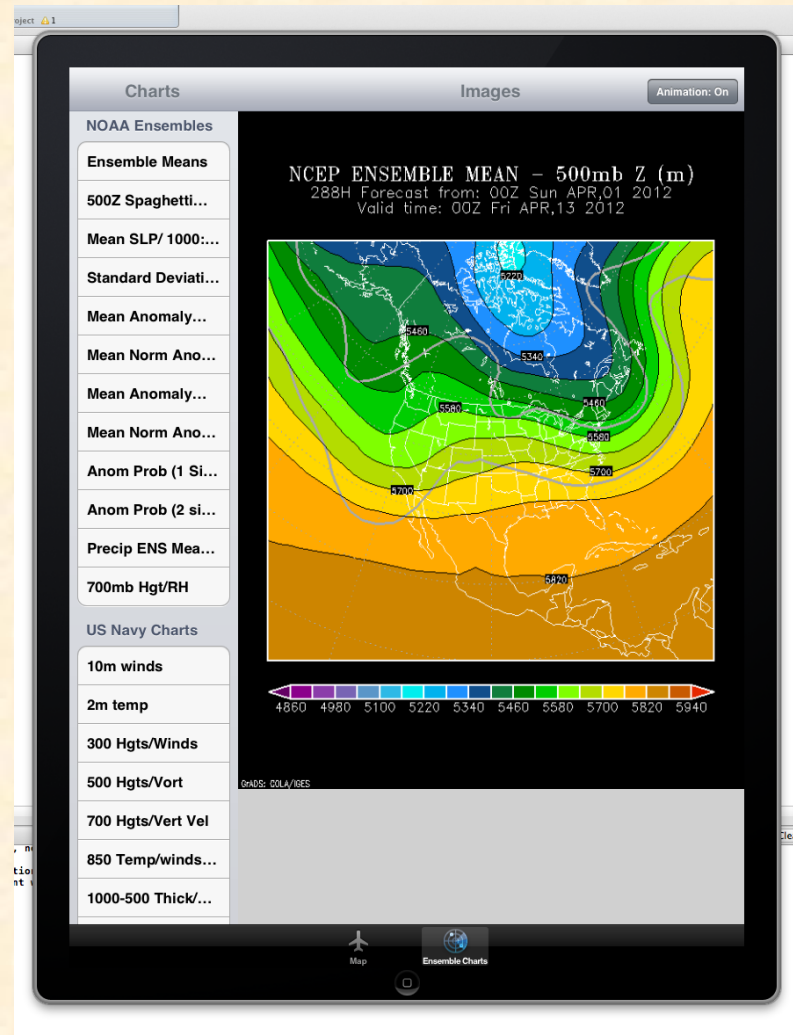*National Oceanic and Atmospheric Administration

Map View

Main Ensemble View (Non-animated)

Full Screen Ensemble View

Main Ensemble View (Animated)

What's left to do?

- Work on memory management

- Clean up UI

- Work on adding extra features (if time allows)
  - Sectional Switcher

- Testing