Alpha Presentation
Office Navigation Using Augmented Reality

The Capstone Experience
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Project Overview

• iOS Application
• Office Navigation
• Augmented Reality
System Architecture

Data Exchange

Admin Login Authentication

SDK

Swift

Placenote

aws
Home Screen

![Image of a mobile app interface with options: Eames, Kelley (ELT), Rudder, and buttons for 'Begin' and 'Admin Mode'.]
Admin Load Map Screen
Navigation Screen

Follow red nodes to destination

- Checkpoint
- Destination
- Show Path

- Plane Detection
- View PN Features

Stop  Save Map
Example of Map Stitching
What’s left to do?

• Separate Admin and User functionalities
• Admin login
• Integrate map stitching and user selected destination with navigation
• Self healing through Machine Learning