AUGNAV ARCHITECTURE DIAGRAM

Server

- Server application made with NodeJS
- Server handles storing map data
- Allows POST requests to find the optimal path from one node to another in the 3D-Graph map of the complex environment
- Can be hosted on a Microsoft Azure virtual machine

Mobile App

- iOS app created using Xcode and Swift
- Uses Microsoft
 Azure Cognitive
 Services to
 convert text to
 speech to guide
 blind people in
 buildings

Web App

- Website made using Html5, Javascript, and CSS3
- Uses three.js
 library to render
 maps