Alpha Presentation GM Transportation Experience App

The Capstone Experience

Team GM

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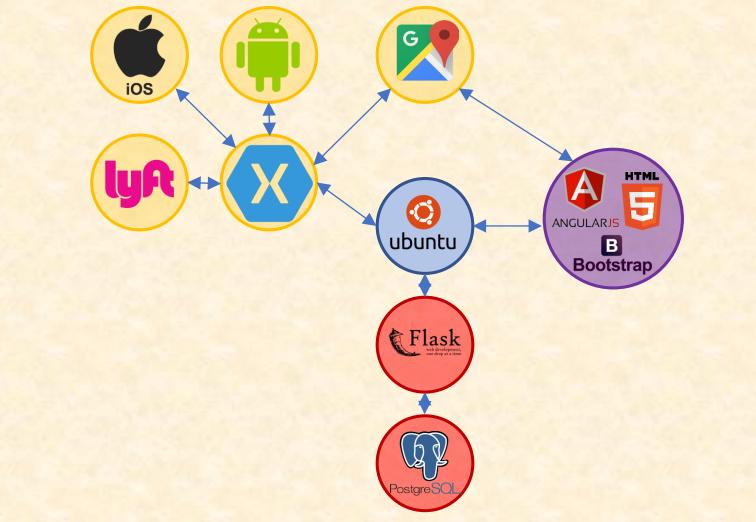
Department of Computer Science and Engineering Michigan State University

Spring 2017

Project Overview

- Mobile app for iOS and Android devices
- Ease stress of navigation on large campuses
 GM Tech Center in Warren
 - •Help users arrive on time
 - Guide users to parking lot near their destination
 - Administrative web portal
 - Manage campuses, parking lots, and buildings

System Architecture



Team GM Alpha Presentation

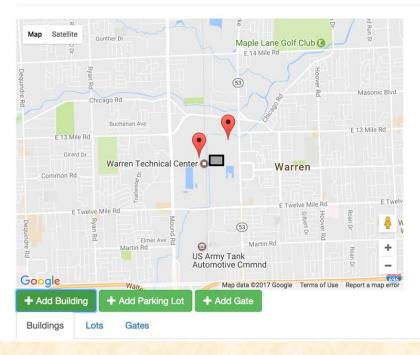
Web Portal

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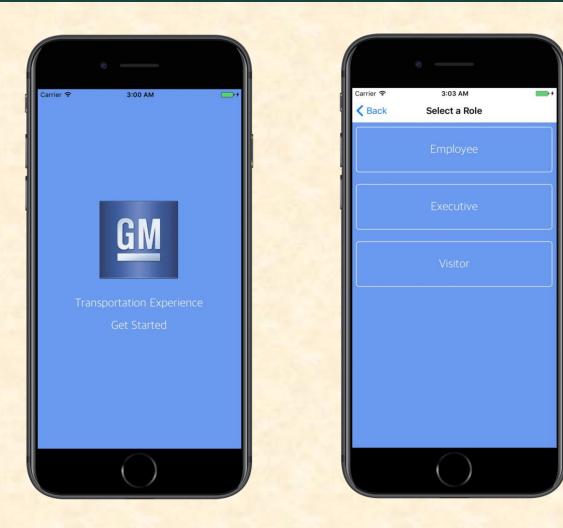
Web Portal

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GM Technical Center

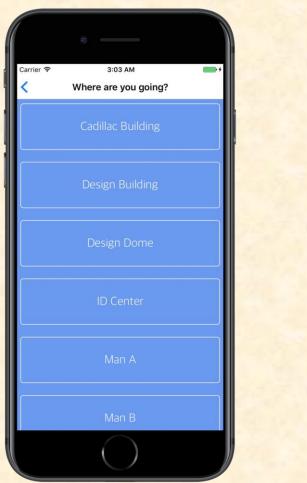


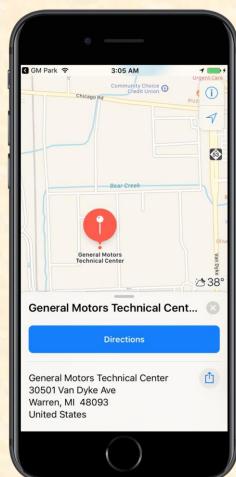
Mobile Application



The Capstone Experience

Mobile Application





The Capstone Experience

Mobile Application





What's left to do?

RESTful API

- Predictive parking algorithm
- CRUD operations on data
- Connecting to mobile app and web portal
- Mobile App & Web Portal
 - Integrate with API
 - Polish
 - Documentation

Questions?

