

Alpha Presentation

GM Transportation Experience App

The Capstone Experience

Team GM

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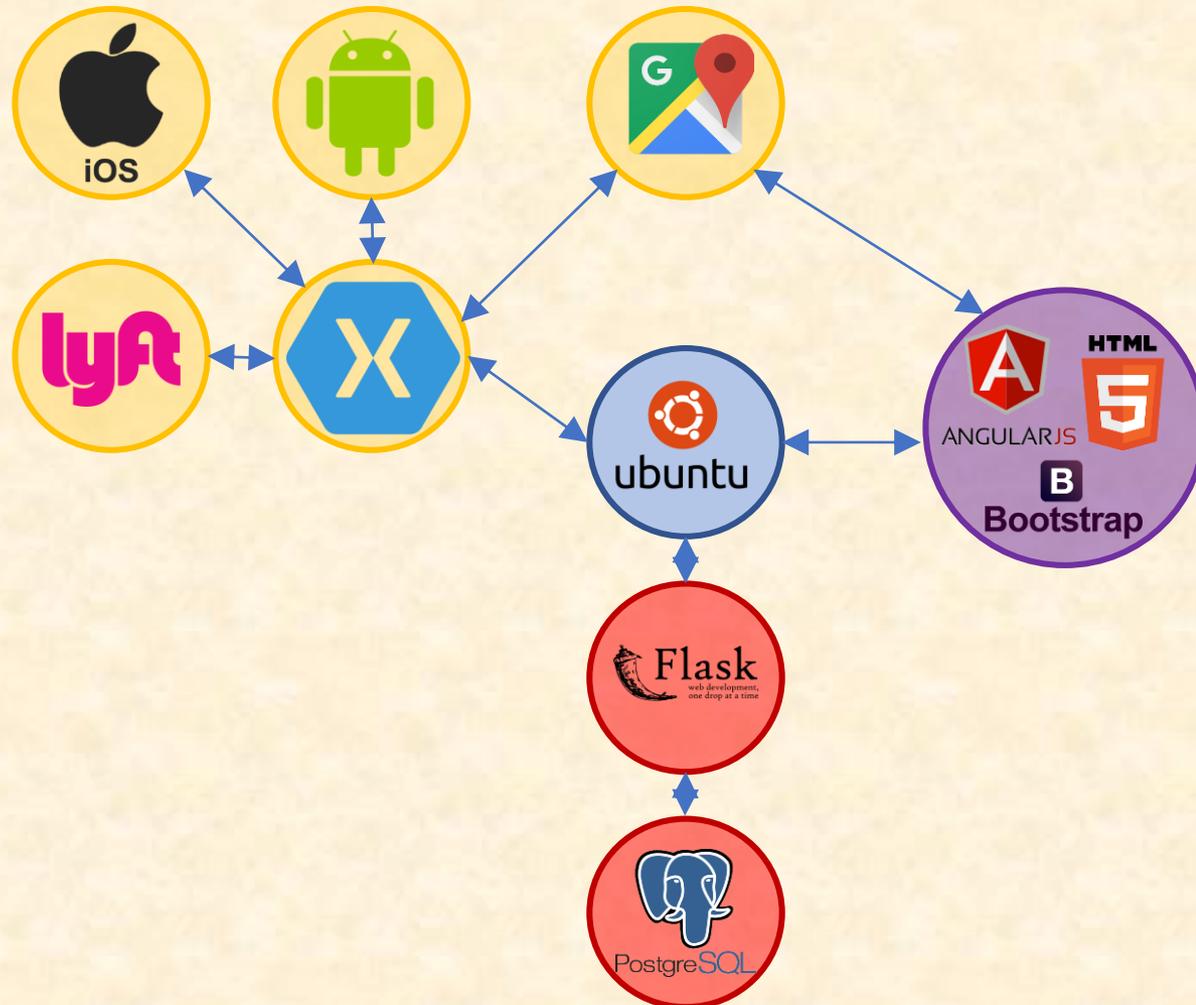


Project Overview

- 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



Web Portal

GM Transportation Experience x

localhost:8000/#!/campuses

Campuses

Map Satellite

United States

+ Add Campus

Campus	Status
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Add Campus

Name:

Location:

GM Tech Center, Van Dyke, Warren, MI, United States

Map Satellite

Warren Technical Center

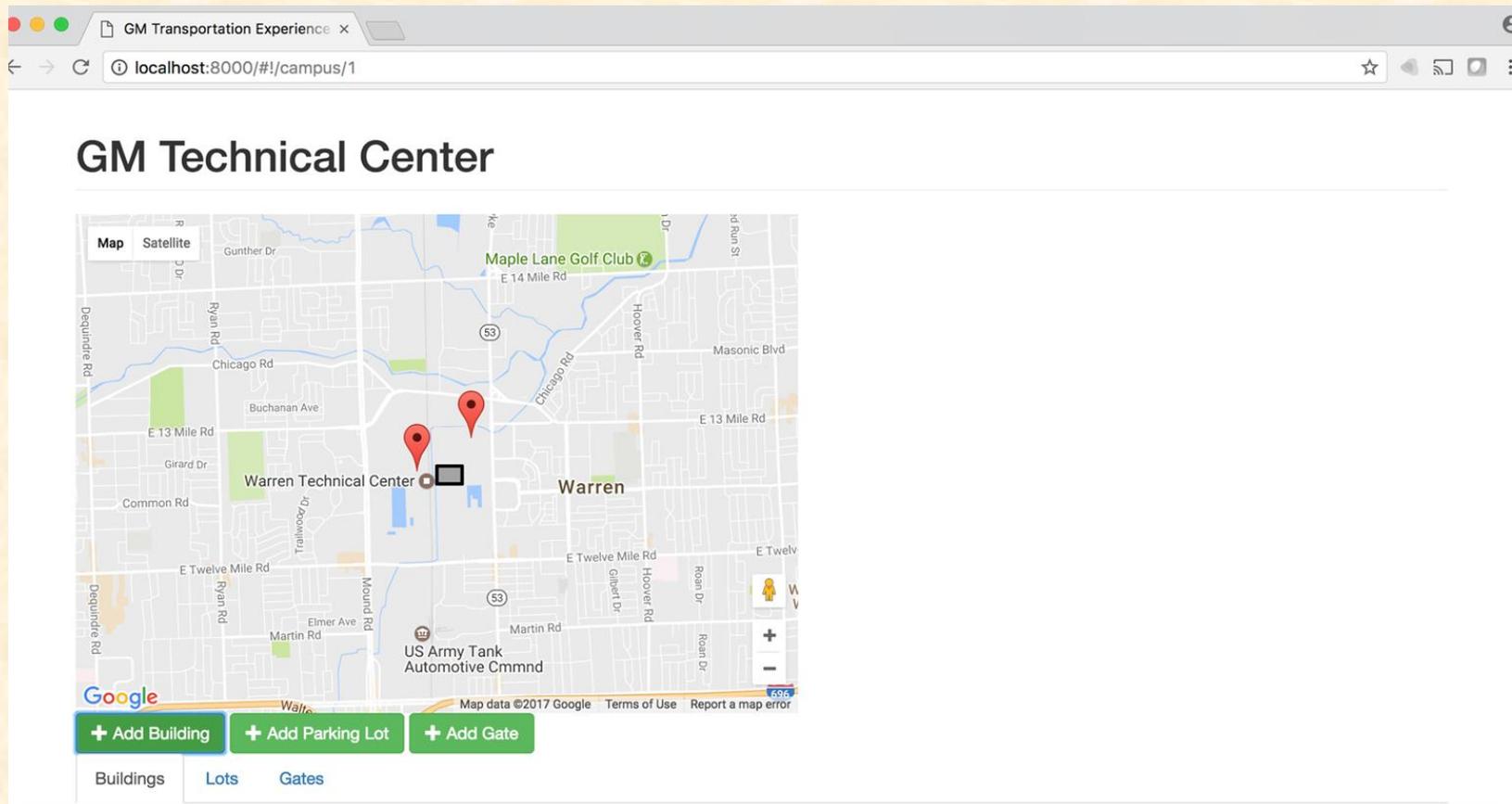
Walmart Supercenter

Save Cancel

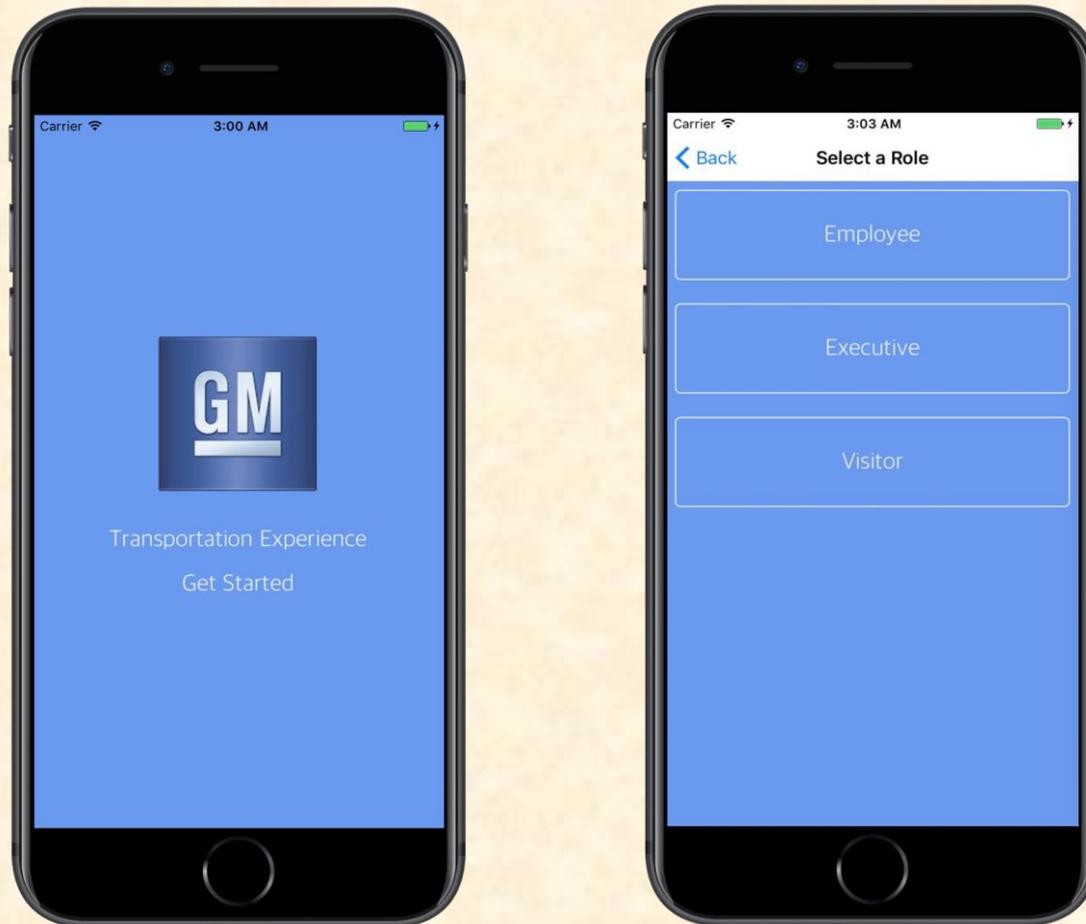
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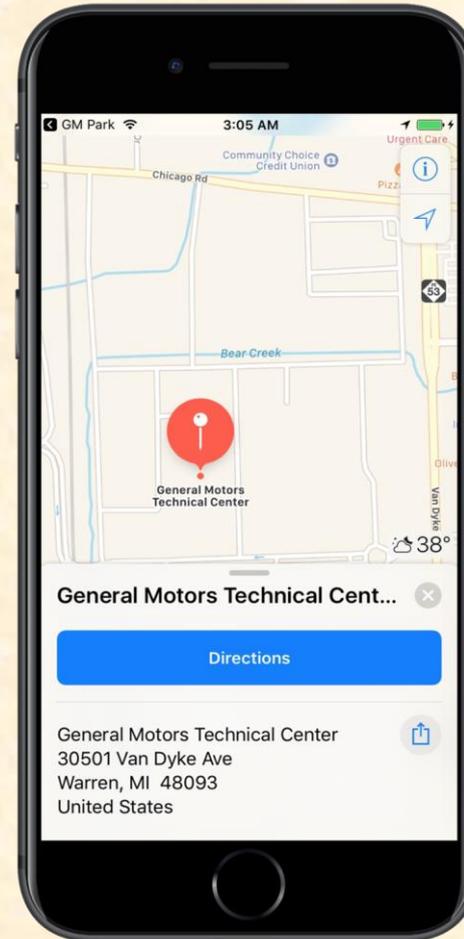
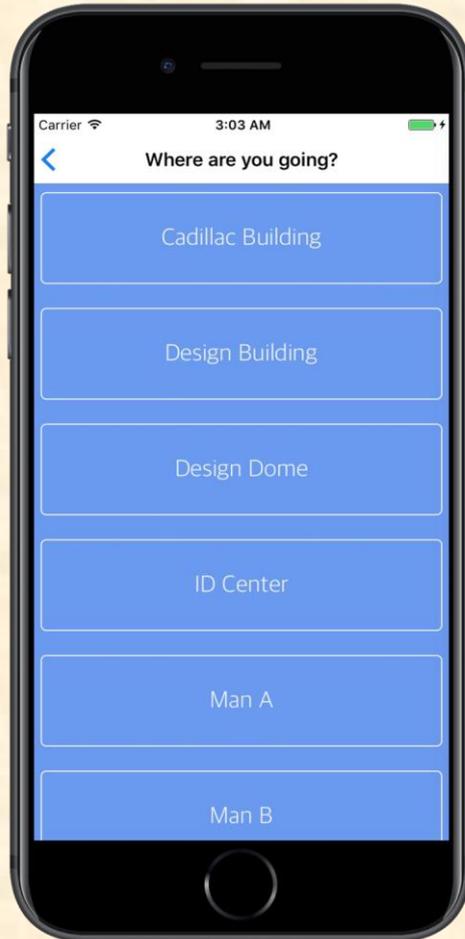
Web Portal



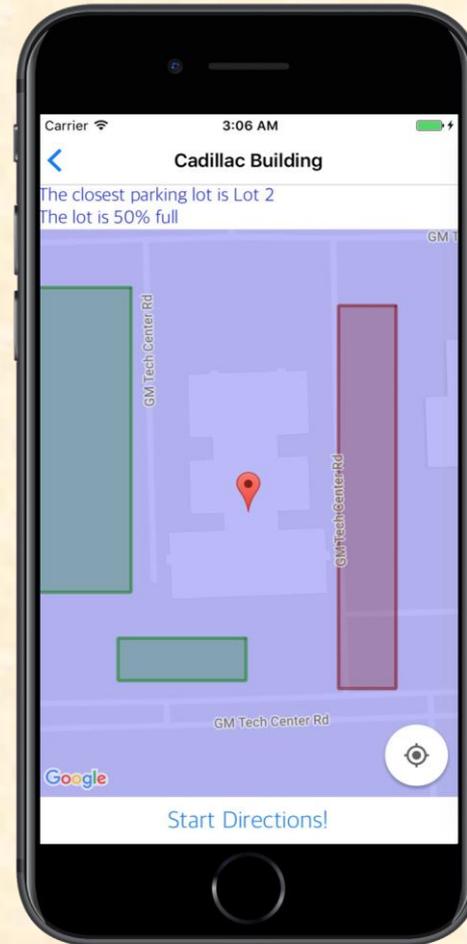
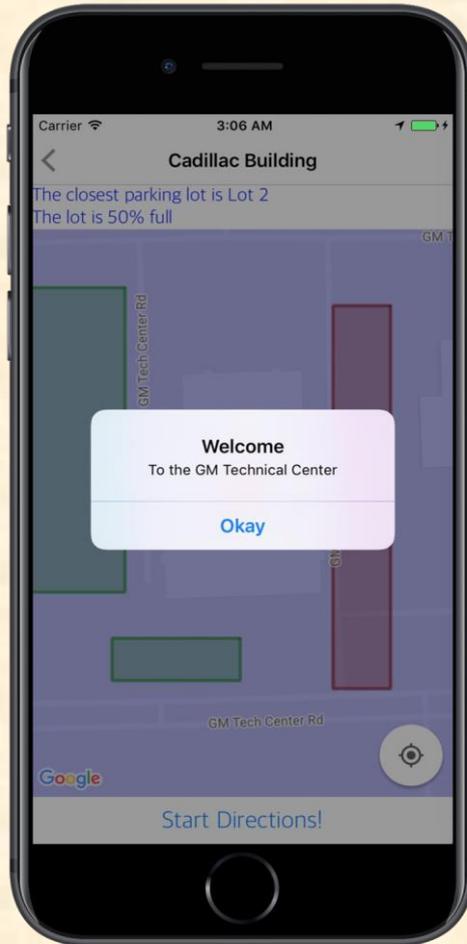
Mobile Application



Mobile Application



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?

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