

MICHIGAN STATE

U N I V E R S I T Y

Beta Presentation

GM Transportation Experience App

The Capstone Experience

Team GM

Brendan Carlson

Rob Cobau

Vince Cogswell

Phyllis Jin

Department of Computer Science and Engineering

Michigan State University

Spring 2017



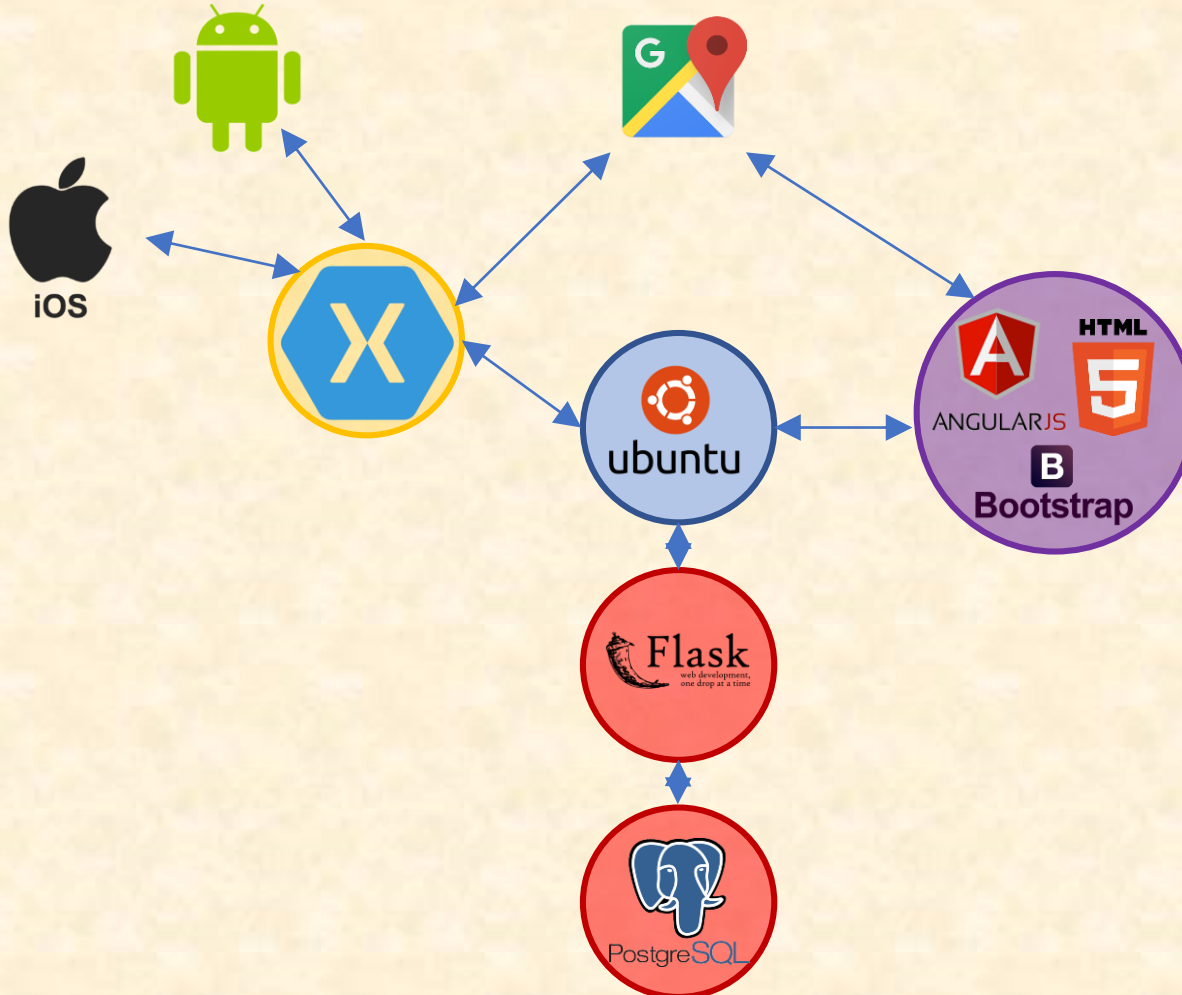
*From Students...
...to Professionals*

Project Overview

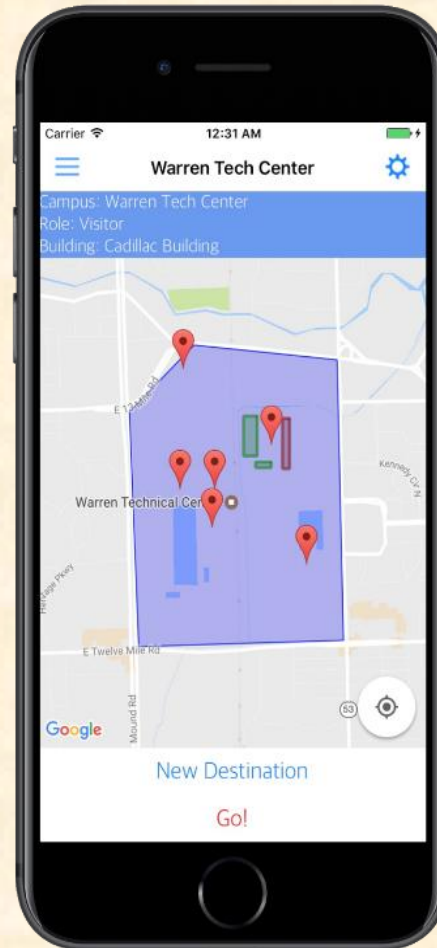
- Mobile app for iOS and Android devices
- Ease stress of navigation on Warren Tech Center campus
- Help employees and visitors arrive on time
 - Guide users to parking lots near their destination
- Administrative web portal
 - Manage campuses, parking lots, buildings, gates, and shuttles



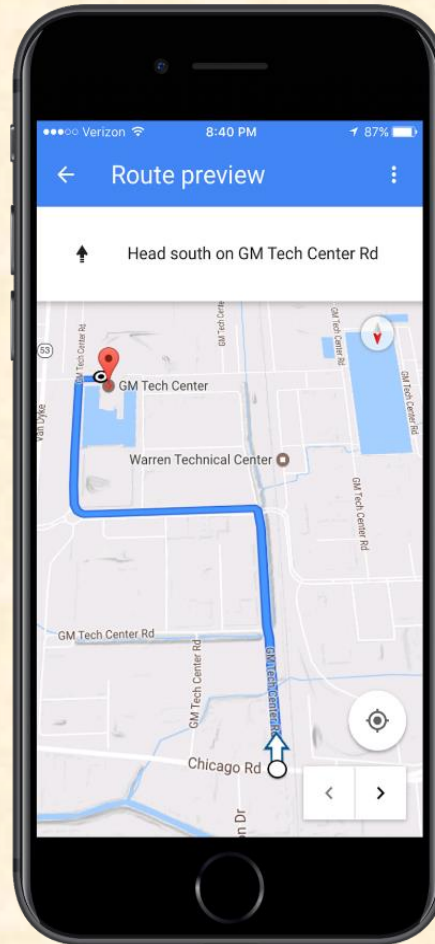
System Architecture



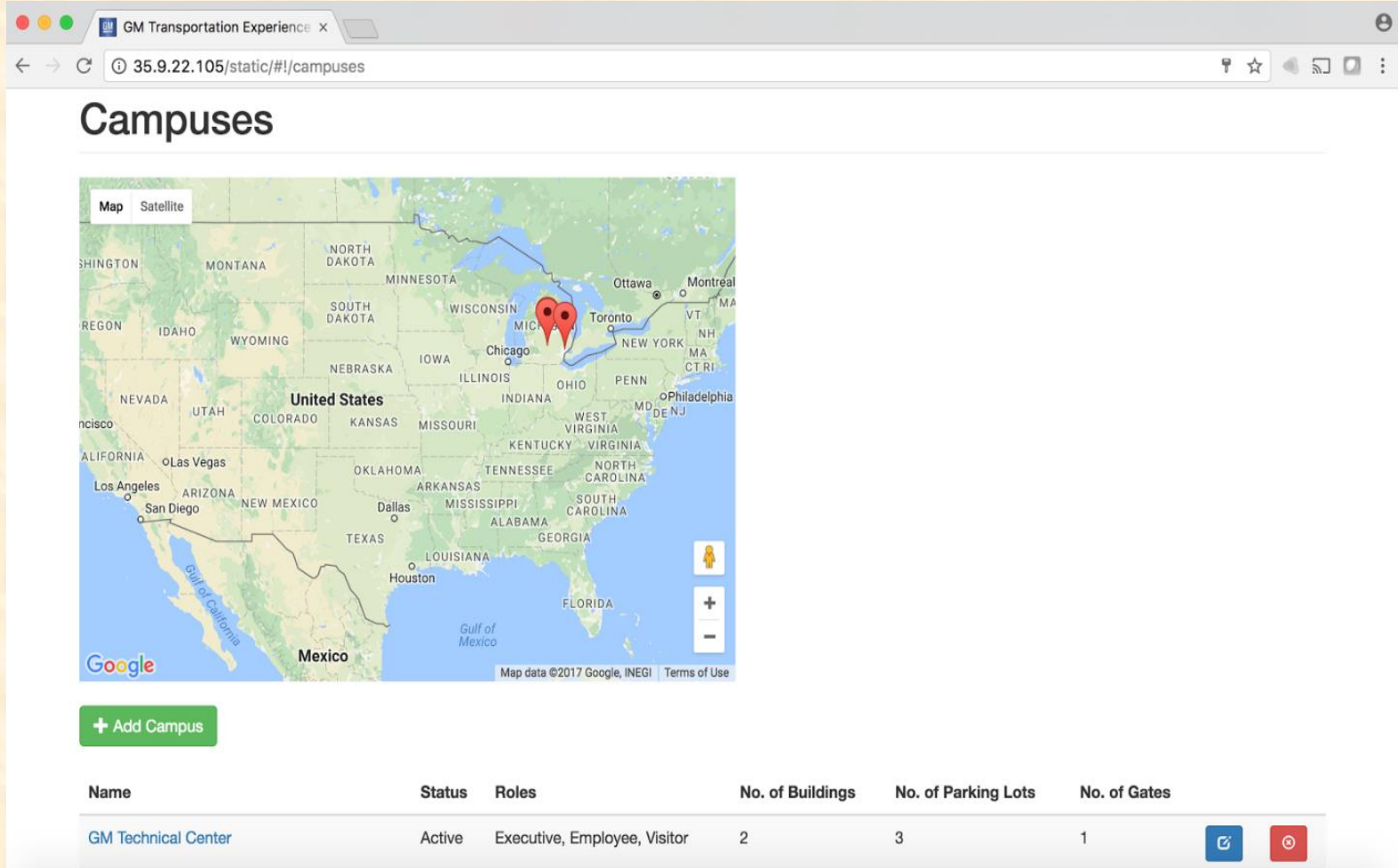
Mobile App: Home Page





Mobile App: Navigation



Web Portal: Campuses Page



The screenshot shows a web browser window with the URL `35.9.22.105/static/#!/campuses`. The page title is "Campuses". It features a Google Map of the United States with two red location pins in the Midwest region, near Chicago and Detroit. Below the map is a green button labeled "+ Add Campus".

Name	Status	Roles	No. of Buildings	No. of Parking Lots	No. of Gates	
GM Technical Center	Active	Executive, Employee, Visitor	2	3	1	 



Web Portal: Add a Campus

Campuses

Map Satellite

United States

Los Angeles San Diego

Google

+ Add Campus

Name

GM Technical Center

Add Campus

Name:

Warren Tech Center

Roles:

Employee

Executive

Visitor

+ Add Role

Location:

Warren Technical Center, GM Tech Center Road, Warren, MI, United States

Map Satellite

Bear Creek Village

Warren Technical Center

Warren

No. of Gates

1



Web Portal: Campus Page

Map Satellite

Chicago Rd
Miller Dr
Beebe Ave
Mound Rd
Chicago Rd
Denton Dr
Chicago Rd
Chicago Rd
Old 13 Mile Rd
E 13 Mile Rd
Kennedy Cir W
Common Rd
Warren
Irene Ave
Racine Rd
Lorraine Ave
E Twelve Mile Rd
Mound Rd
Loma Ave
Evelyn Ave
Arsenal Ave

Bear Creek Village
Warren Technical Center

+ Add Building + Add Parking Lot + Add Gate + Add Shuttle

Buildings Lots Gates Shuttles

Name	Status		
Cadillac Building	Active		

What's left to do?

- Project video
- Test and fix bugs
- Polish the UI/UX
- Extensive code documentation



Questions?

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