

MICHIGAN STATE

U N I V E R S I T Y

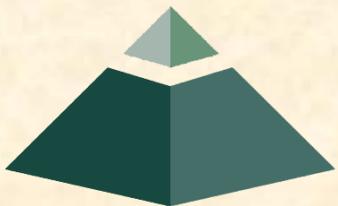
Beta Presentation

SpectrumGo

The Capstone Experience
Team Spectrum Health

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Michigan State University
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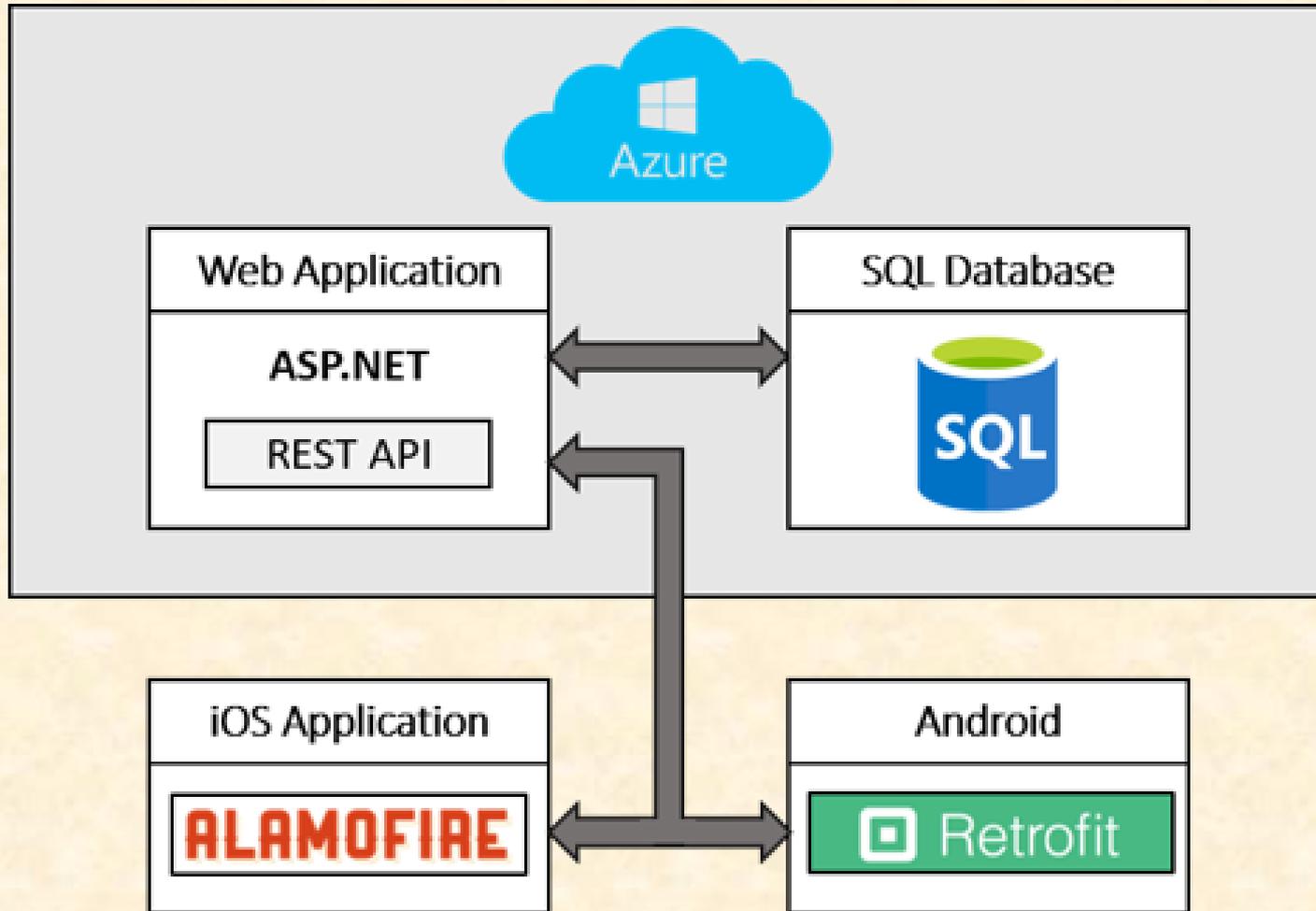
*From Students...
...to Professionals*

Project Overview

- Mobile apps for real-time hospital navigation
- QR codes on posters determine position
- Web application
 - Managing navigation information
 - Viewing reports



System Architecture



Web Application Front Page



SPECTRUM HEALTH

SpectrumGO Management Portal



Manage Facilities



Add New Users



Manage Waypoints



Manage Pathways



Manage Reports

At Facility:



Log Off



Web Application Waypoint Page



Waypoints At Engineering Building

Facilities	Name				
Engineering Building	Capstoned Lab	QR Code	Edit	Manage Connections	Delete
Engineering Building	Room 3353	QR Code	Edit	Manage Connections	Delete
Engineering Building	Room 3355 (Pantry)	QR Code	Edit	Manage Connections	Delete
Engineering Building	Drinkin' Fountain	QR Code	Edit	Manage Connections	Delete

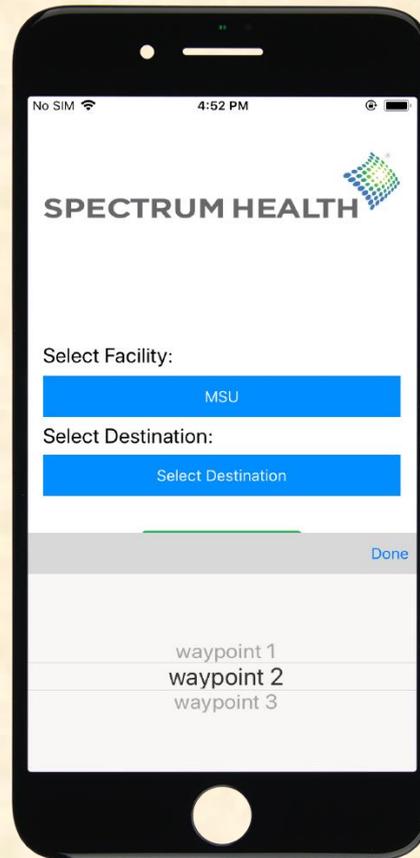
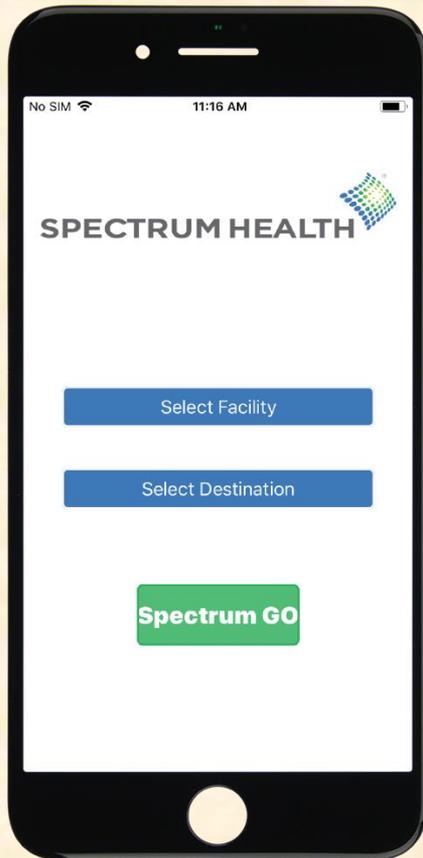
Home

Create New

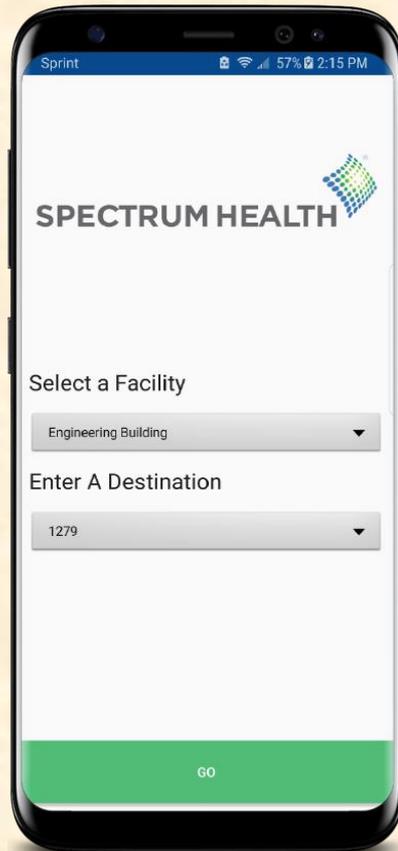
localhost:5000/Waypoints/QRCode/1



iOS Application



Android Application



What's left to do?

- Resolve all style warnings in code
- Implement extra handicap accessibility
- Refine styling
- Etc...



Questions?

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