

MICHIGAN STATE

U N I V E R S I T Y

Alpha Presentation SpectrumGO

The Capstone Experience
Team Spectrum Health

Collin Skonieski
Rachel Polus
Xin Zhao
Andrew Astakhov
Pierce Neal

Department of Computer Science and Engineering
Michigan State University
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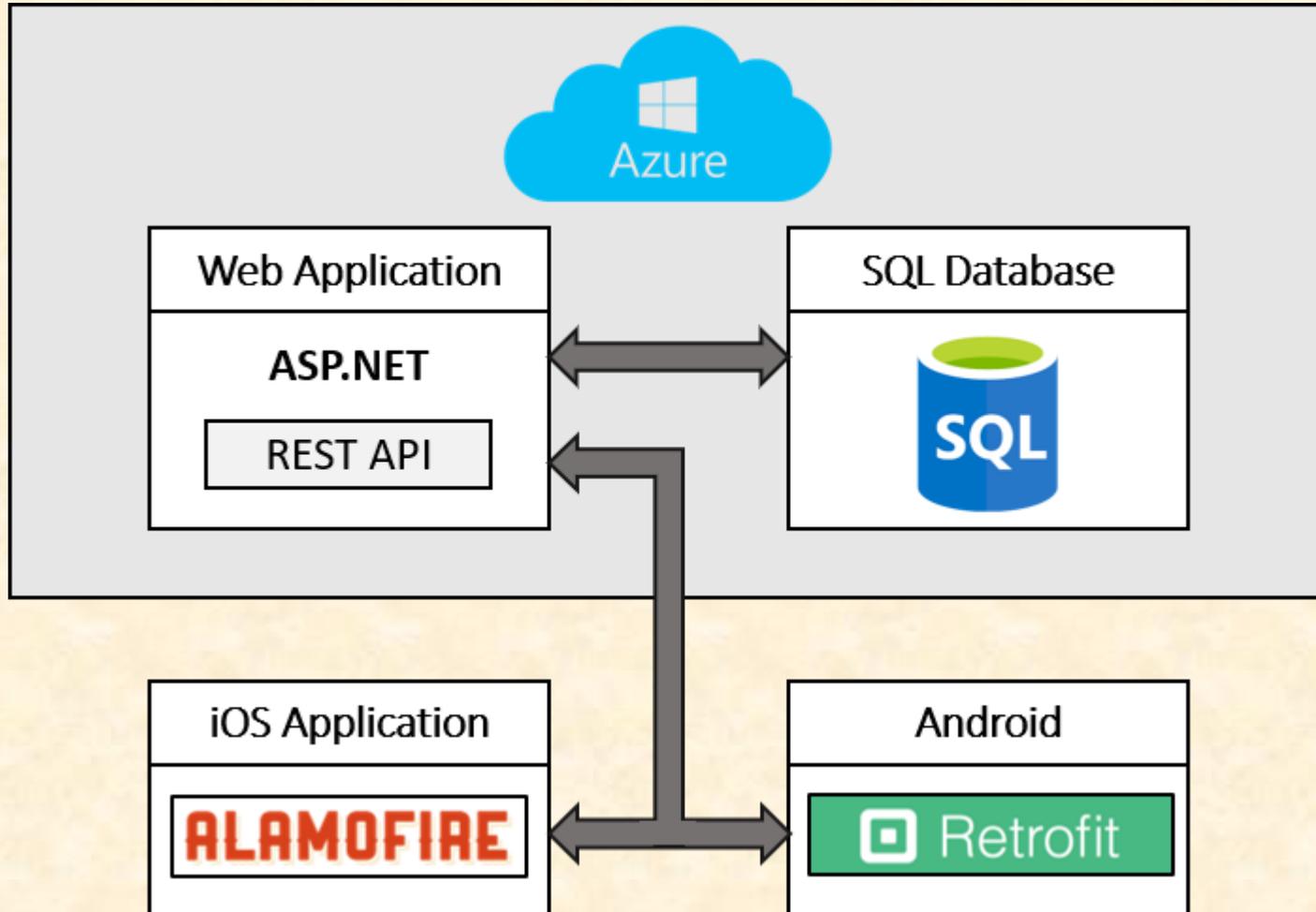
*From Students...
...to Professionals*

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



Manage Facilities



Manage Waypoints



Manage Connections



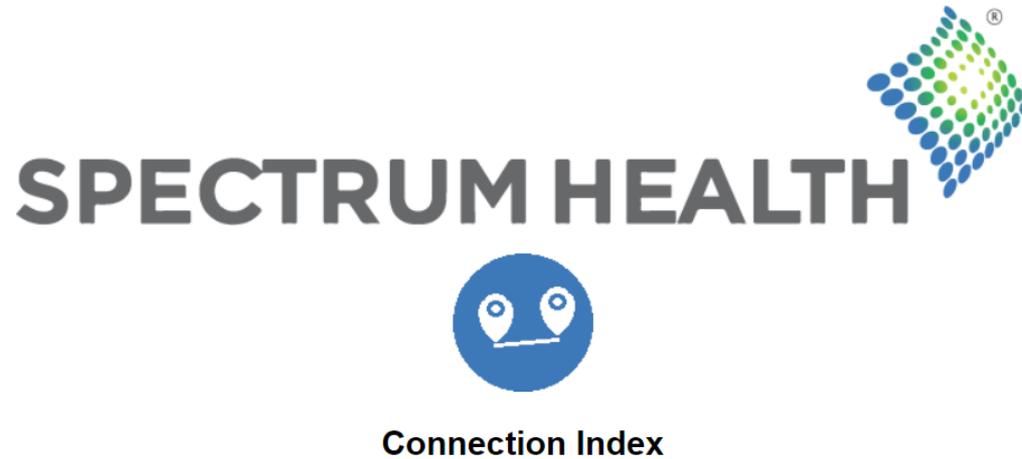
Manage Pathways

Engineering Building ▾

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Web Application



UserId	StartWPIId	EndWPIId	Instruction	HandicapAccess	Angle	
1	1	2	Turn right, walk straight to next waypoint	<input checked="" type="checkbox"/>	180	Edit Details Delete
1	2	3	Turn left, walk forward then take the first right	<input checked="" type="checkbox"/>	330	Edit Details Delete

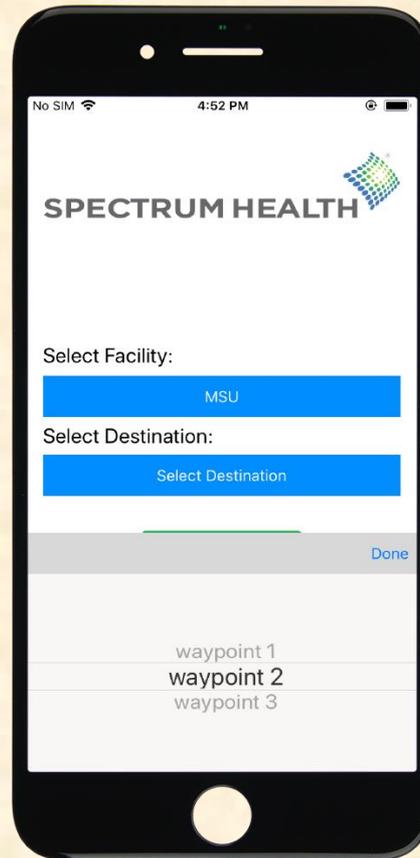
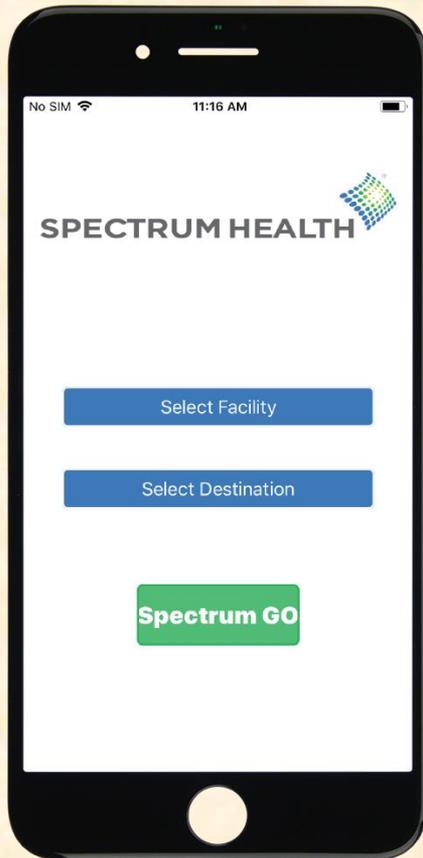
Home

Create New

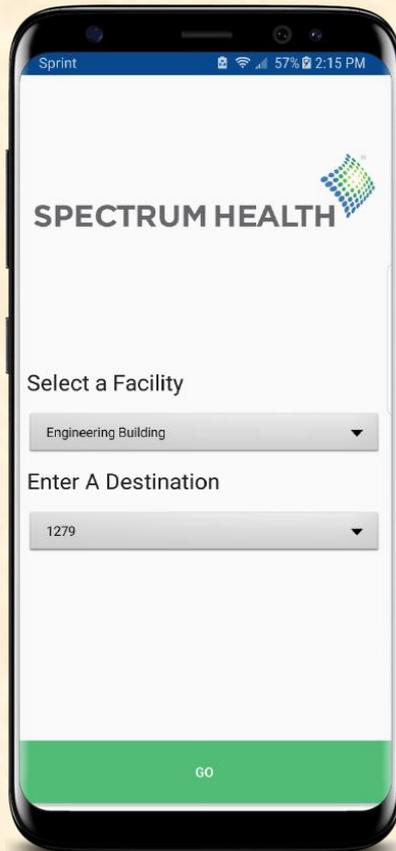
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iOS Application



Android Application



What's left to do?

- Update system for mobile application
- Refine database schema
- Report system
- HTTP connections between mobile and web



Questions?

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