

MICHIGAN STATE

U N I V E R S I T Y

Alpha Presentation

Mobile Appointment Check-In and Payment

The Capstone Experience

Team Spectrum Health

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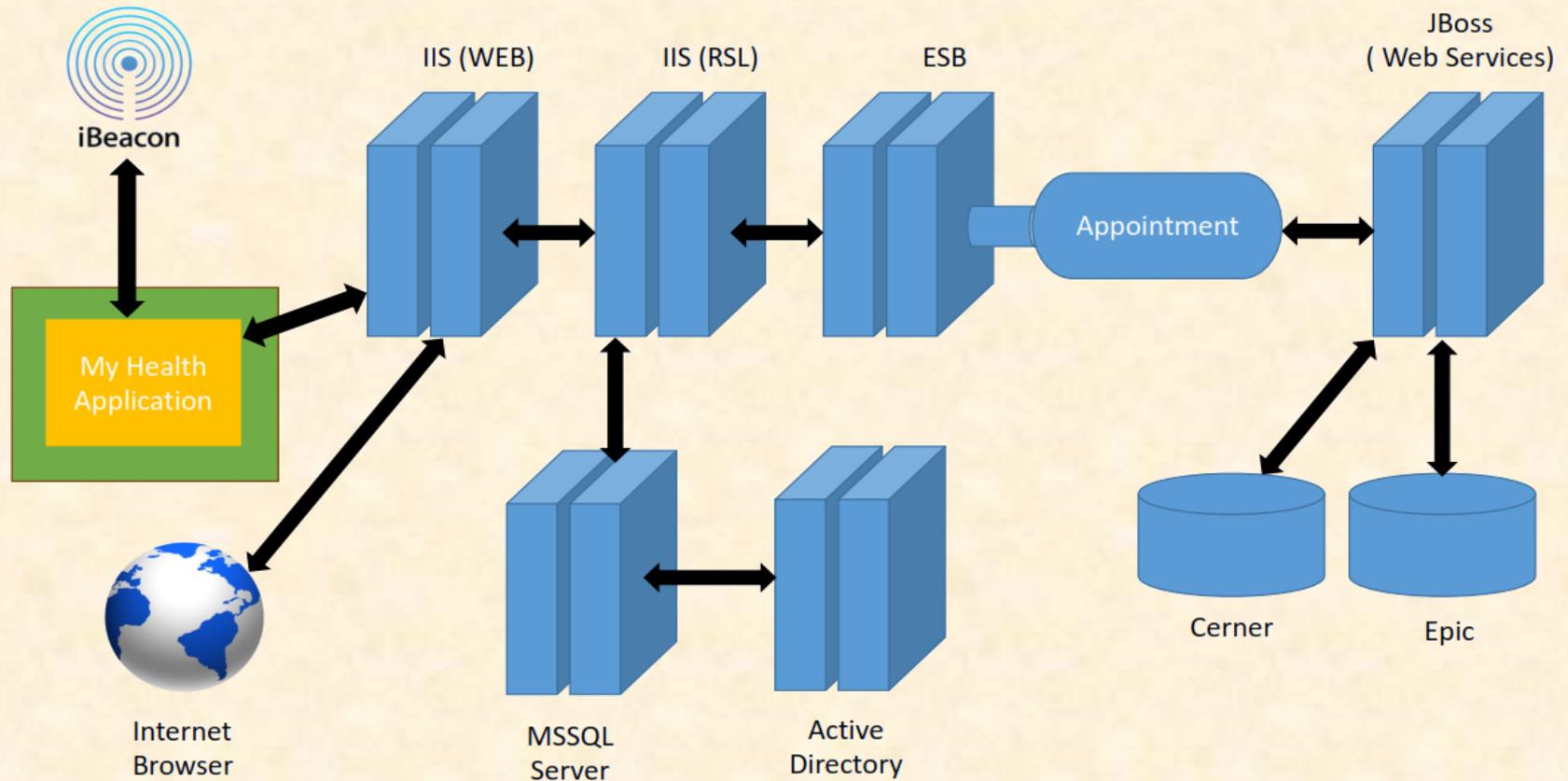
*From Students...
...to Professionals*

Project Overview

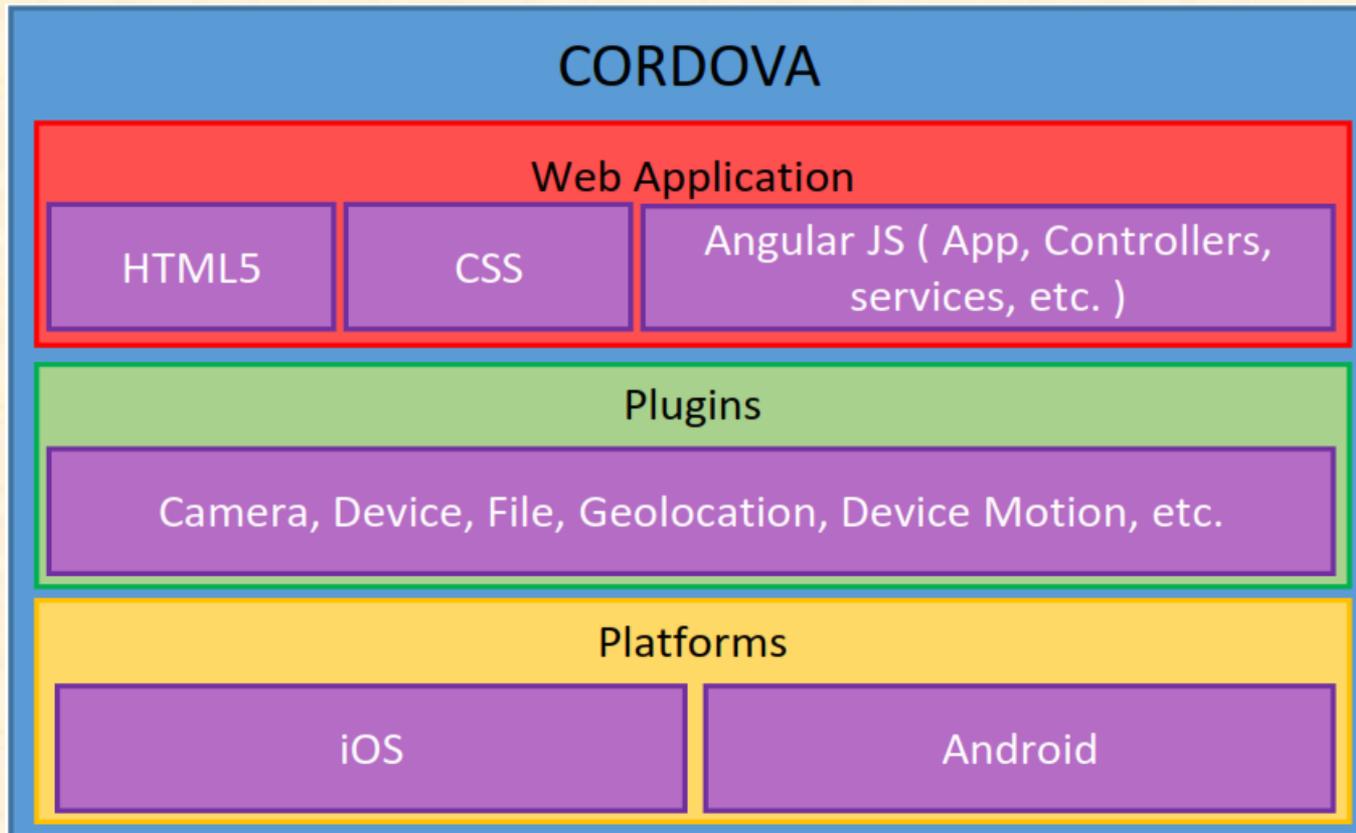
- iBeacon
 - Search database for upcoming appointment
 - Push a notification
 - Prompt for login to My Health
- Check-In
 - Complete forms
 - Process copayment
 - Map to appointment location



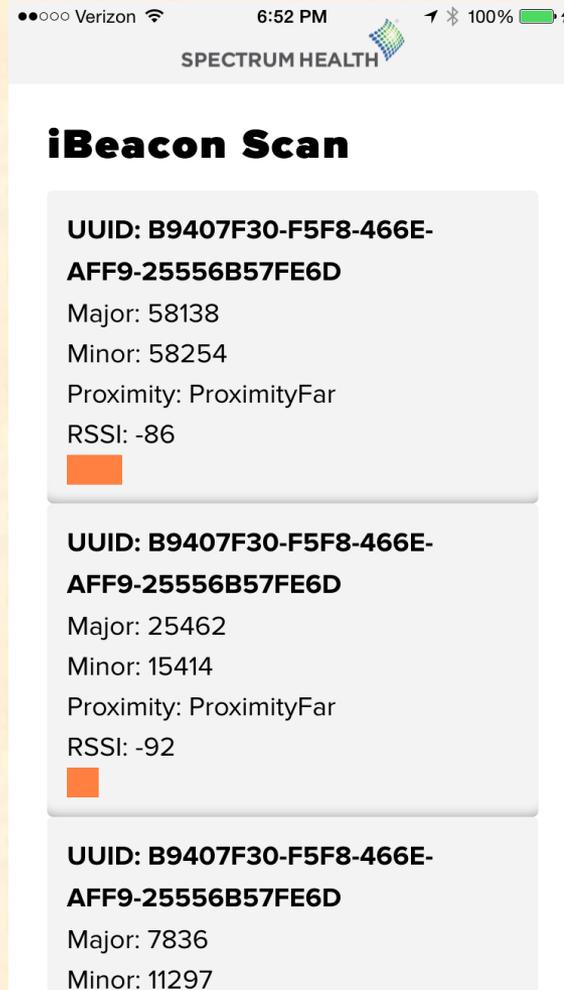
System Architecture



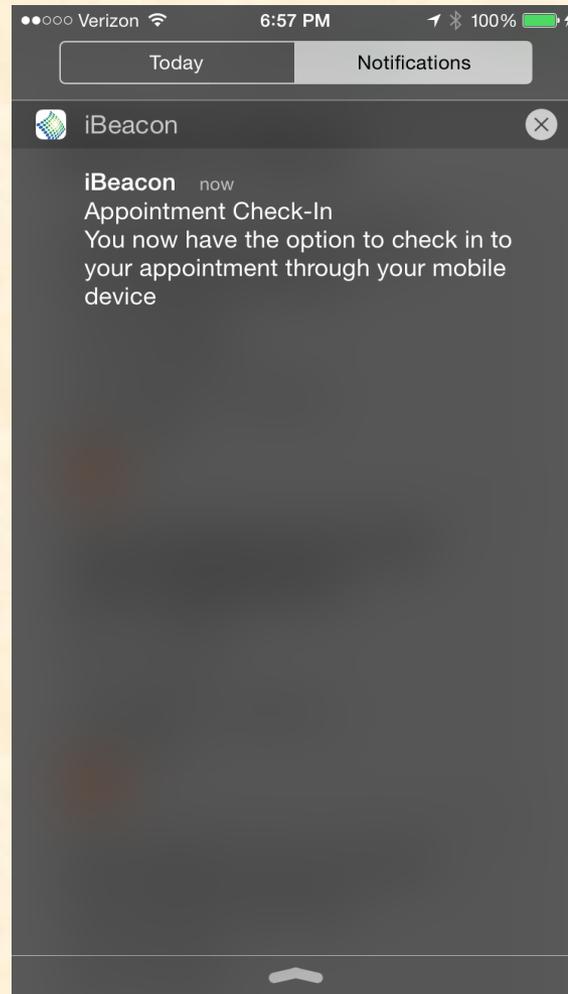
System Architecture



iBeacon Scan



iBeacon Notification



Check-In

SPECTRUM HEALTH 

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Mobile Check-In

Personal **Contact** Insurance Copayment Review

EMERGENCY CONTACT INFORMATION

FIRST NAME

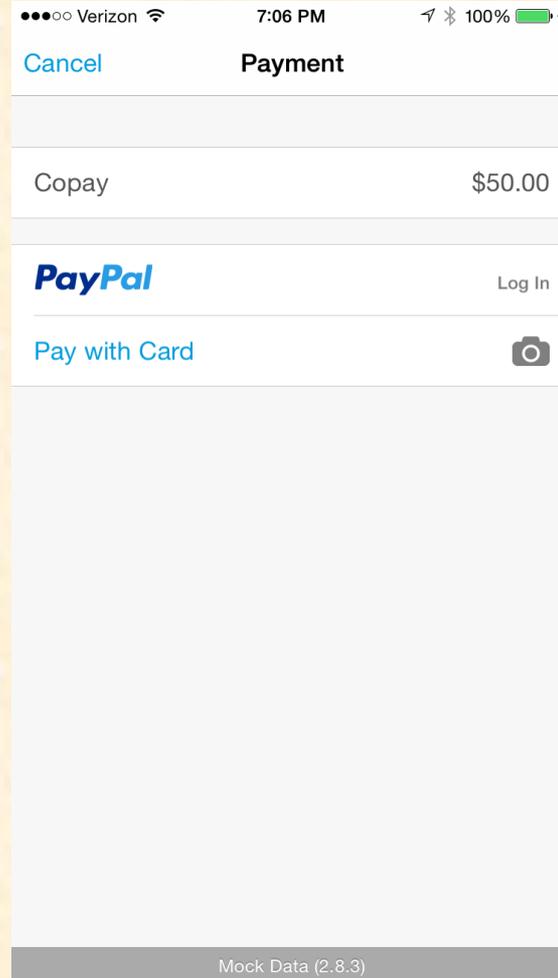
LAST NAME

RELATIONSHIP TO YOU

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Payment



What's left to do?

- Thoroughly test iBeacon push notifications on both iOS and Android
- Retrieve and display all necessary patient information
- Create pages that allow users to update their information
- Implement payment starting with PayPal

