Alpha Presentation
Commercial Laundry Dashboard

The Capstone Experience

Team Whirlpool

Michael Babiarz
Nico Vergara
Domenic Belcastro
Yuqi Xiao
Ryan Feldman

Department of Computer Science and Engineering
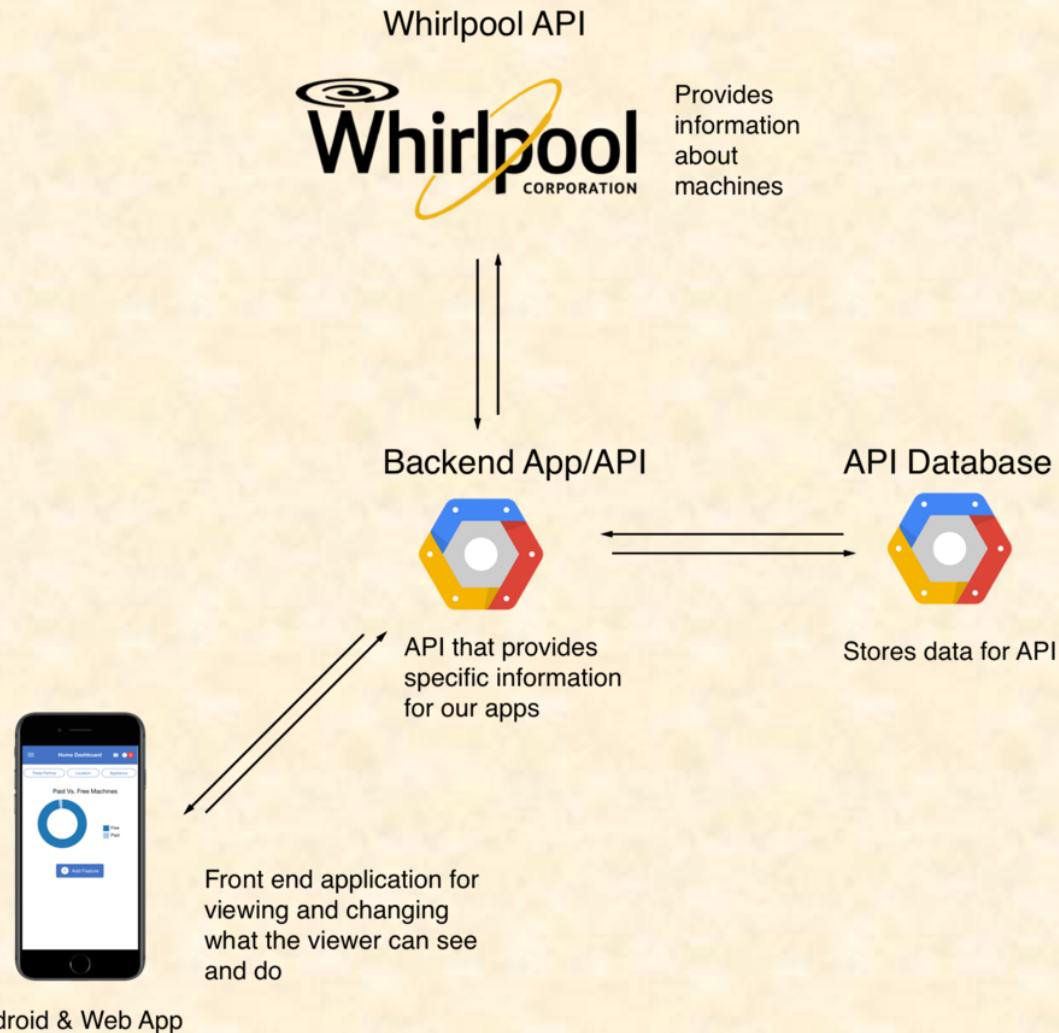Michigan State University

Spring 2017

From Students…
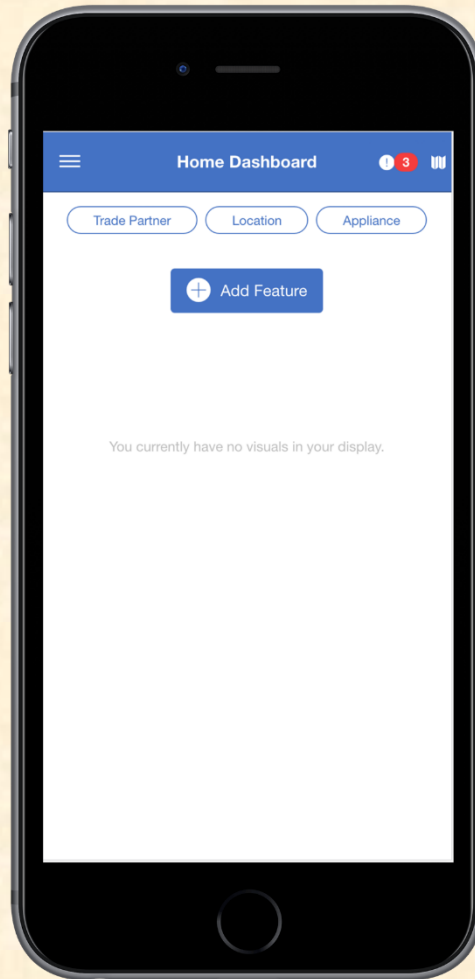*…to Professionals*

Project Overview

- Cross-platform application to help maintain and monitor Whirlpool appliances

- Designed for Whirlpool administrators

- Unifies appliance data into a single visual network

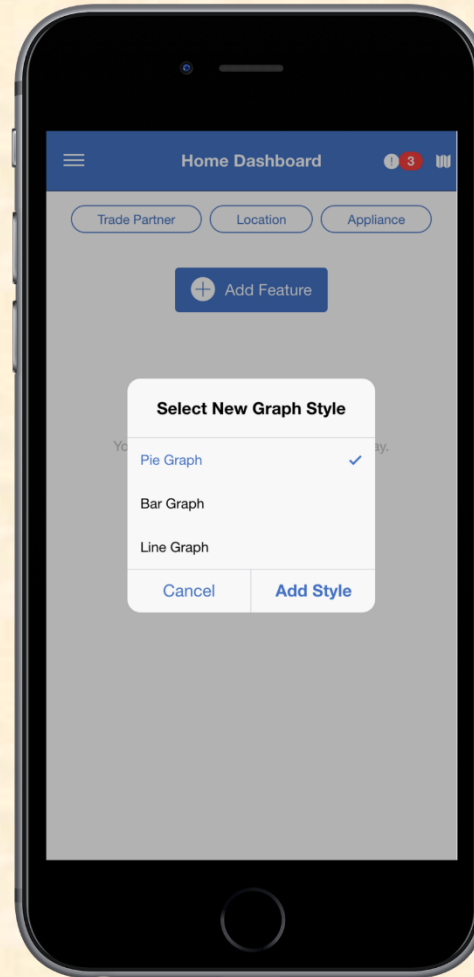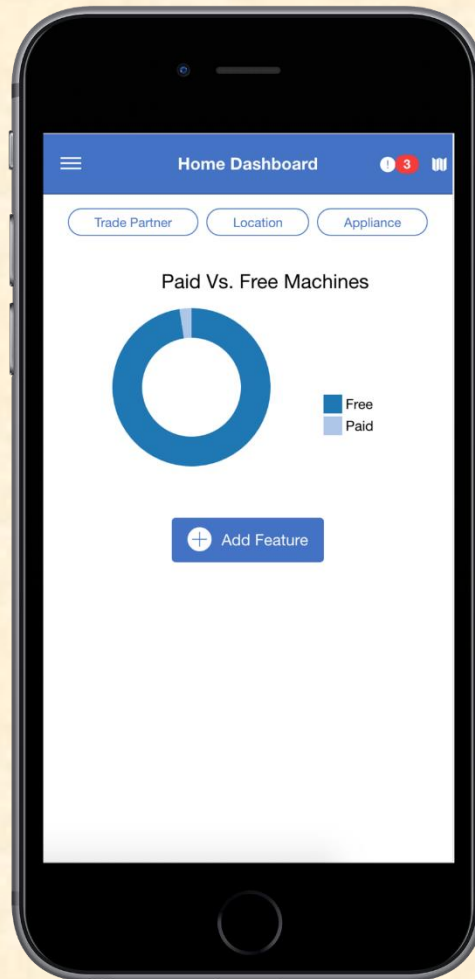- Displays alerts, errors and statuses of machines

System Architecture

Whirlpool API

Provides information about machines

Backend App/API

API that provides specific information for our apps

API Database

Stores data for API

Front end application for viewing and changing what the viewer can see and do

iOS, Android & Web App

Home Dashboard – Initial Load

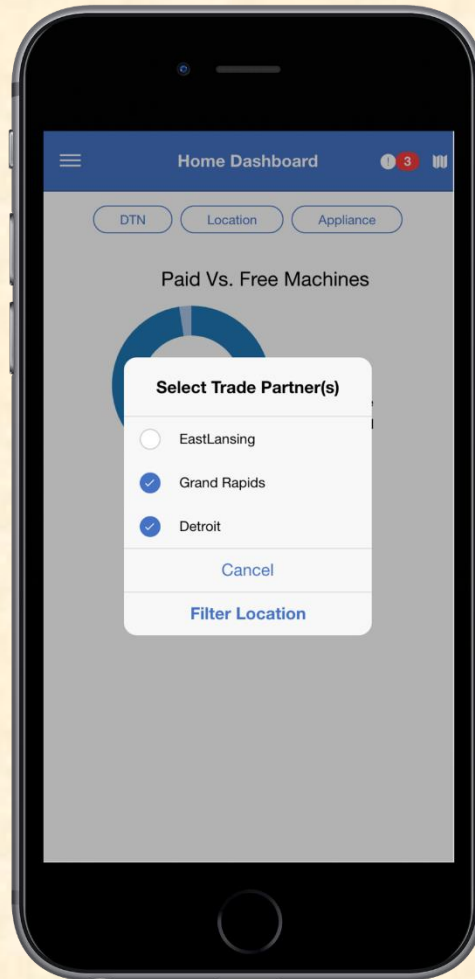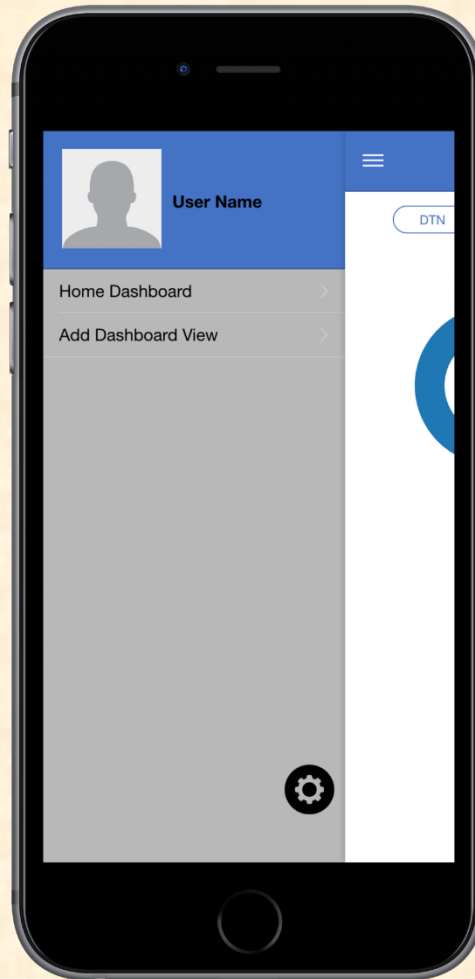# Home Dashboard – Add Feature
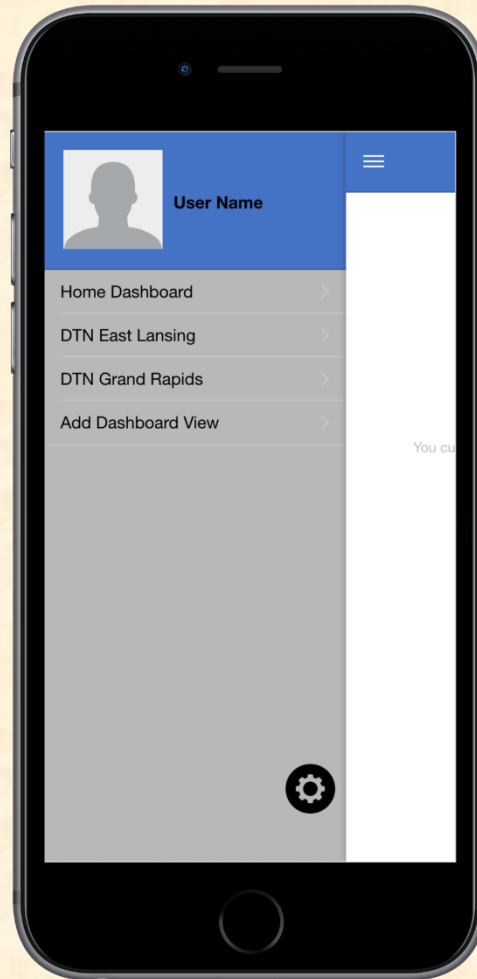
Home Dashboard – With Feature
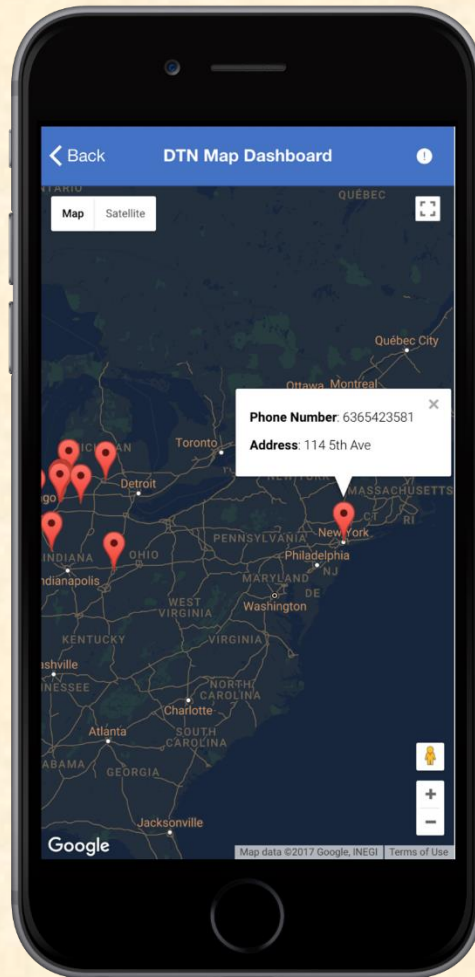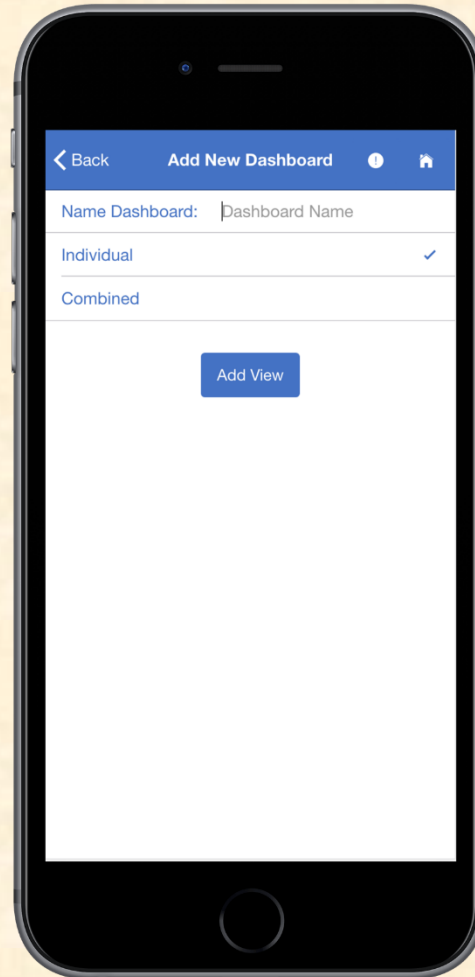
Filter Menu

Side Menu - Initial

Side Menu – Custom Dashboards

Interactive Map

Create Dashboard

What's left to do?

- Push Notifications

- Line Graph

- Static Count Visualization

- More Complex Data Options

- Graph Animations

- Google Login

- Tests

Questions?

Team Whirlpool Project Plan