MICHIGAN STATE UNIVERSITY

Beta Presentation Windows 8 Apps for Smart Appliances

The Capstone Experience

Team Whirlpool

Robert Carpenter
Kathy Cummings
Zachary Pauley
AJ Sundheimer
Chris Thomas

Department of Computer Science and Engineering Michigan State University

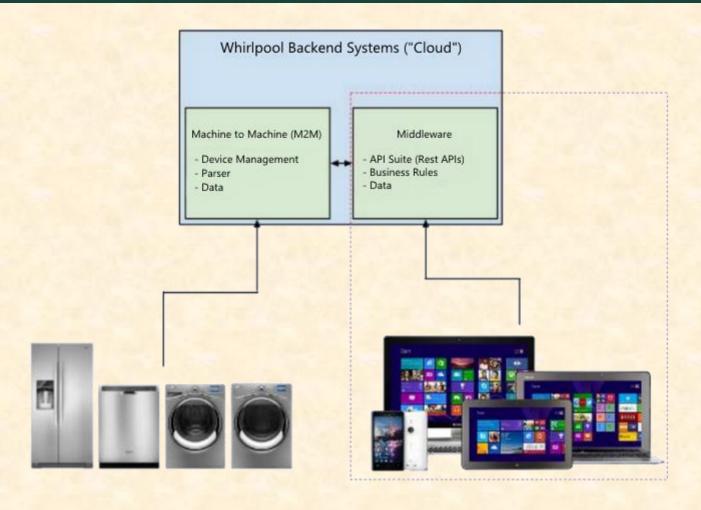
Fall 2014



Project Overview

- Windows 8 application for desktops, tablets and phones
- Remotely control Whirlpool Smart Appliances
- Monitor appliance status and condition
- Report to users energy information and usage history

System Architecture



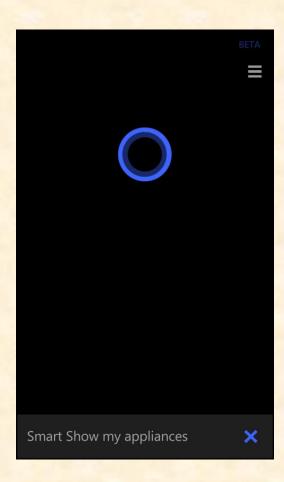
Live Tiles

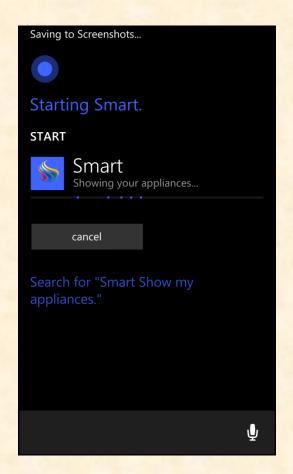


Loading Screen



Cortana



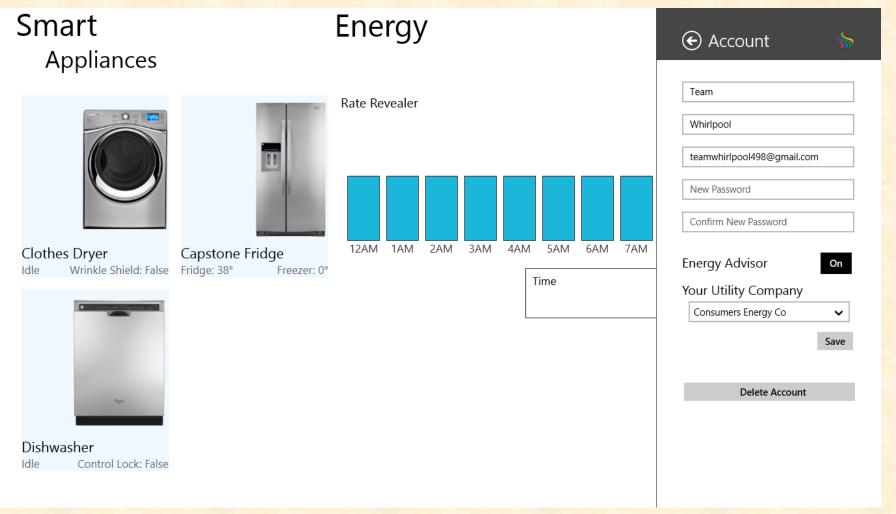


Account Settings and Appliances



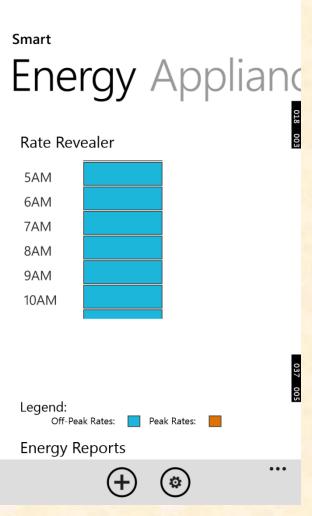


Account Appliances and Settings





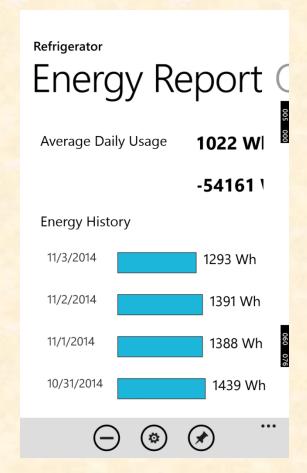
Energy

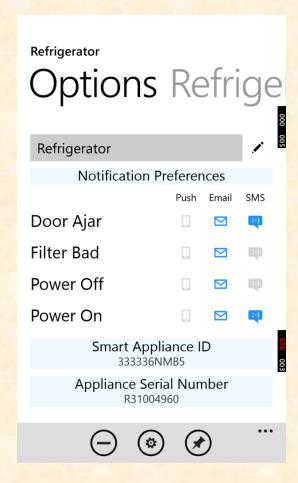


The Capstone Experience

Refrigerator Specific Page







What's left to do?

- Refine UI
- Push Notifications
- Bug Fixes
- Exception Handling

