MICHIGAN STATE UNIVERSITY

Alpha Presentation Windows 8 Apps for Smart Appliances

The Capstone Experience

Team Whirlpool

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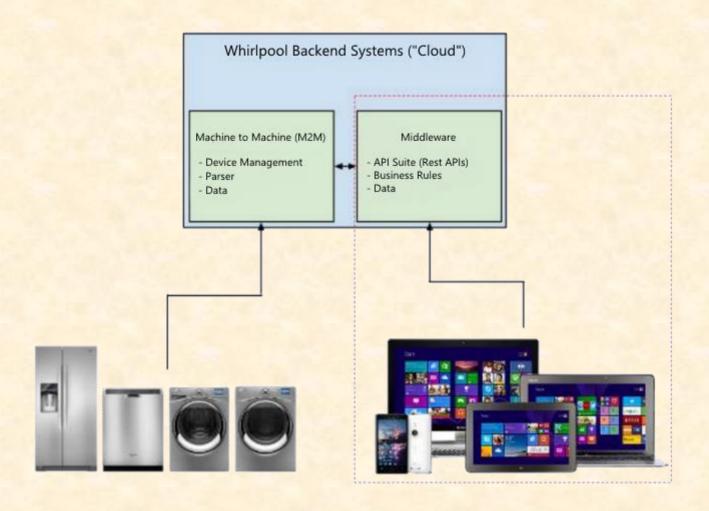
Fall 2014



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



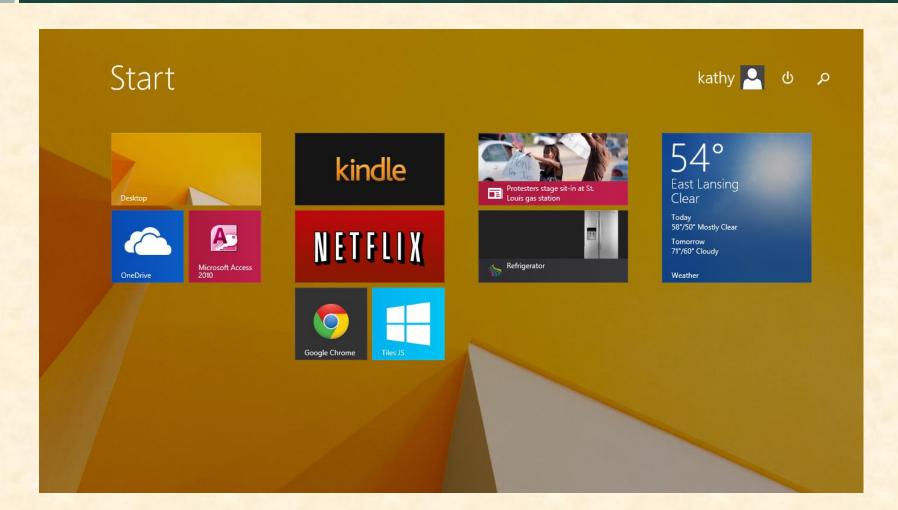
Live Tiles





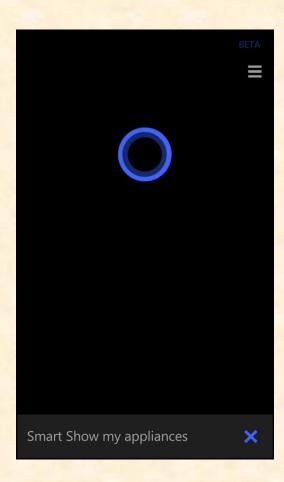


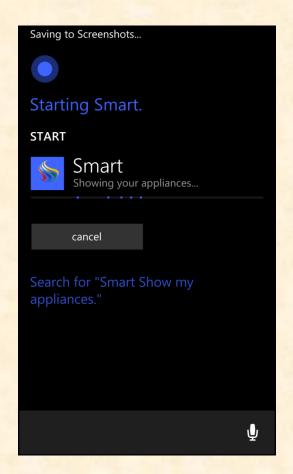
Live Tiles





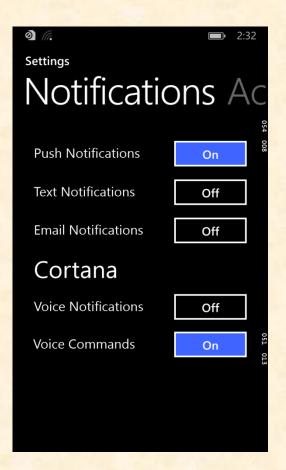
Cortana



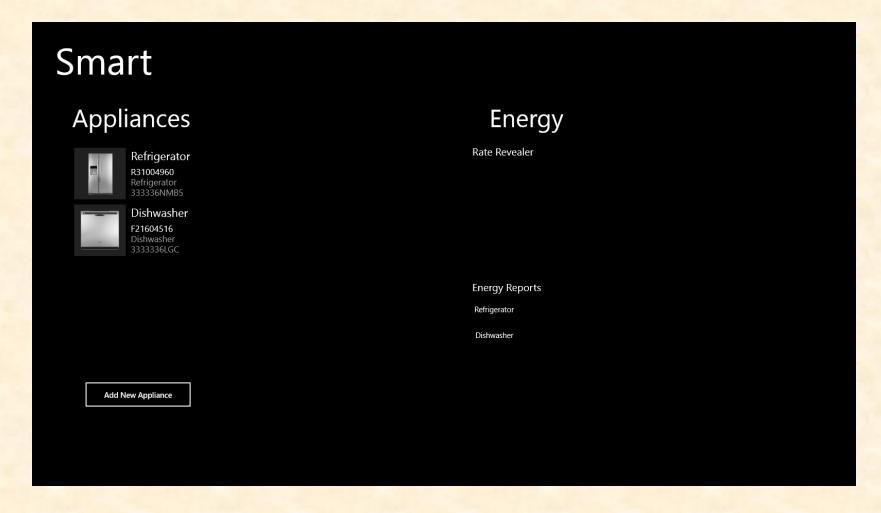


Account Appliances and Settings





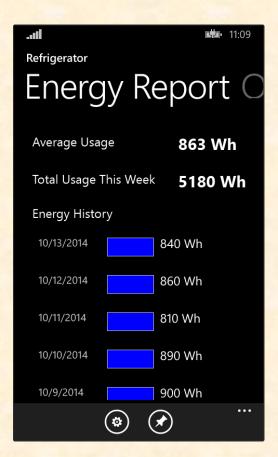
Account Appliances and Energy



Refrigerator And Refrigerator Options







Refrigerator, Energy, and Options



What's left to do?

- Complete integration of washer and dryer
- All appliance energy components
- Refine Cortana implementation
- Dynamic notifications and live-tile updates
- Saving and loading Account Settings