

**MICHIGAN STATE**  

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**UNIVERSITY**

# Alpha Presentation

## Laundry Room Tablet Payment System

### The Capstone Experience

Team Whirlpool

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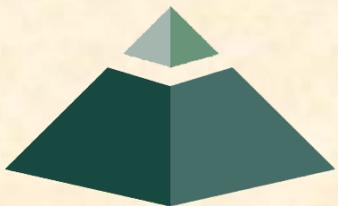
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*From Students...  
...to Professionals*

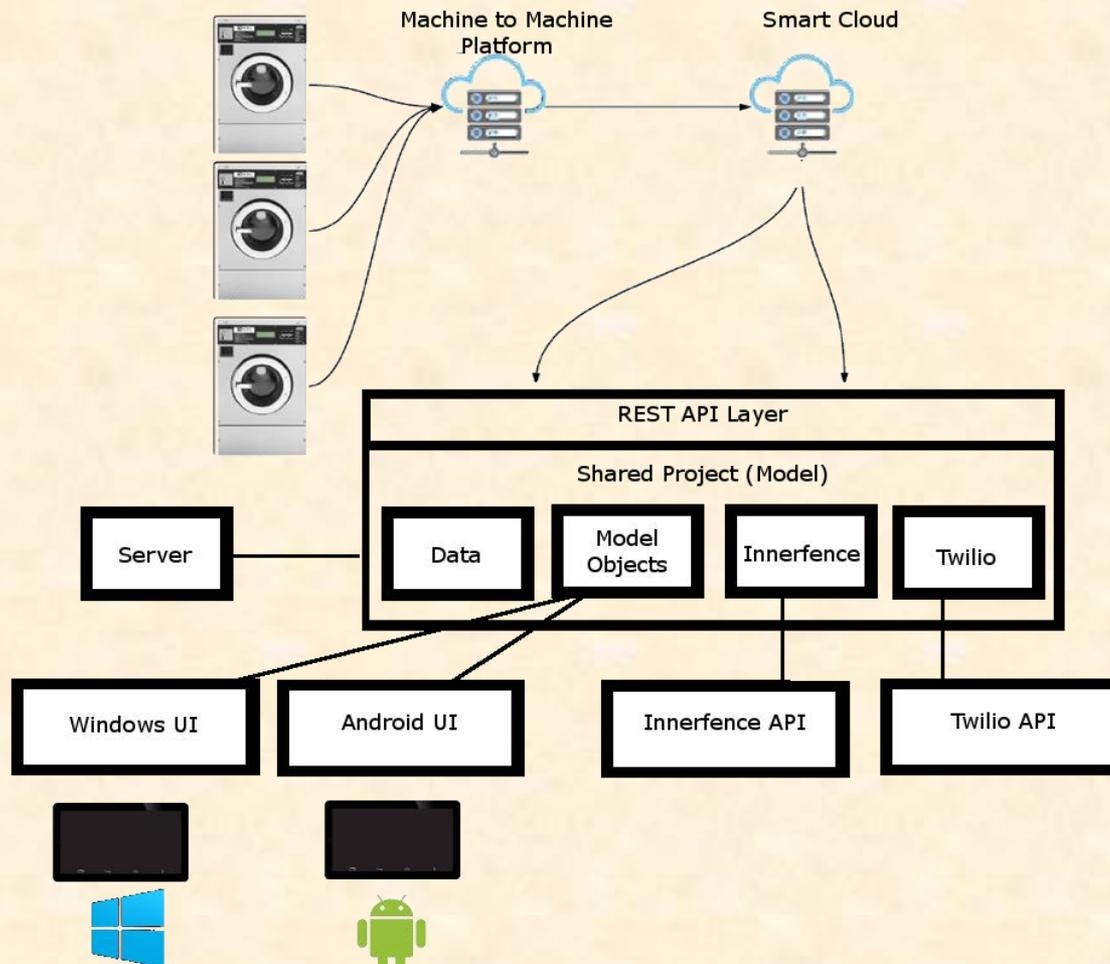
# Project Overview

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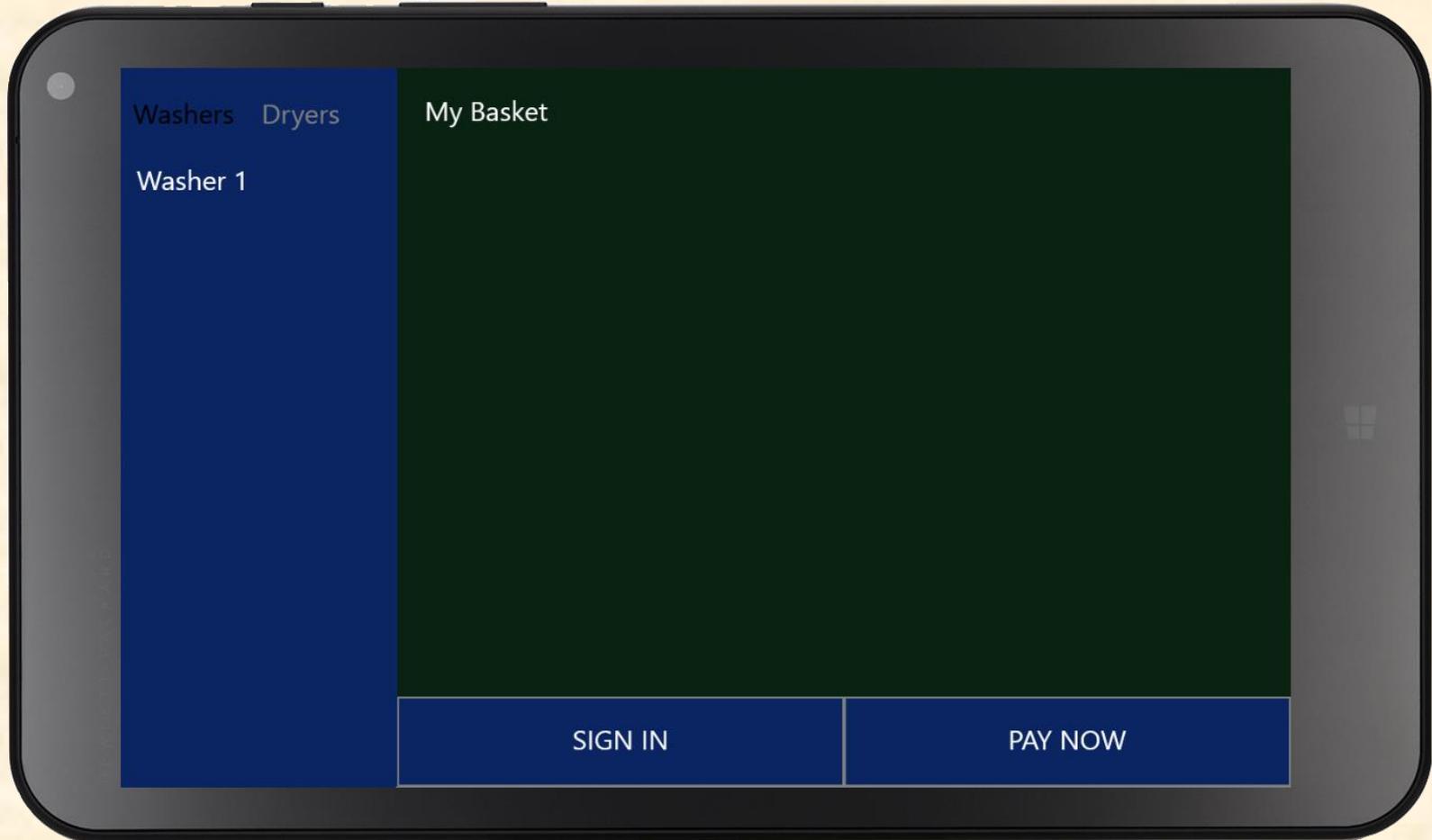
- Display available machines
- Allow users to select and pay for multiple machines at one time
- Handle credit card payments
- Send real-time notifications on cycle status



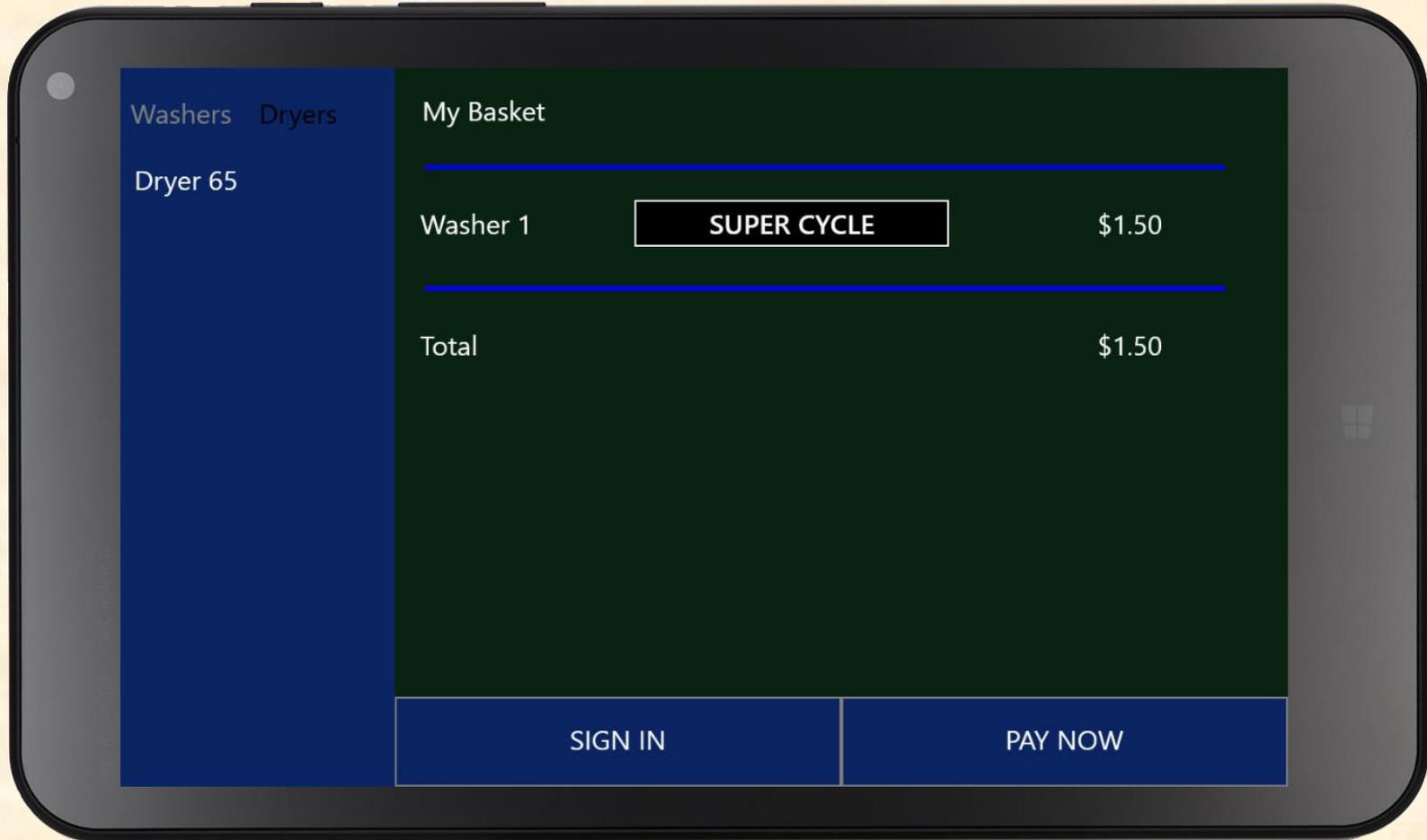
# System Architecture



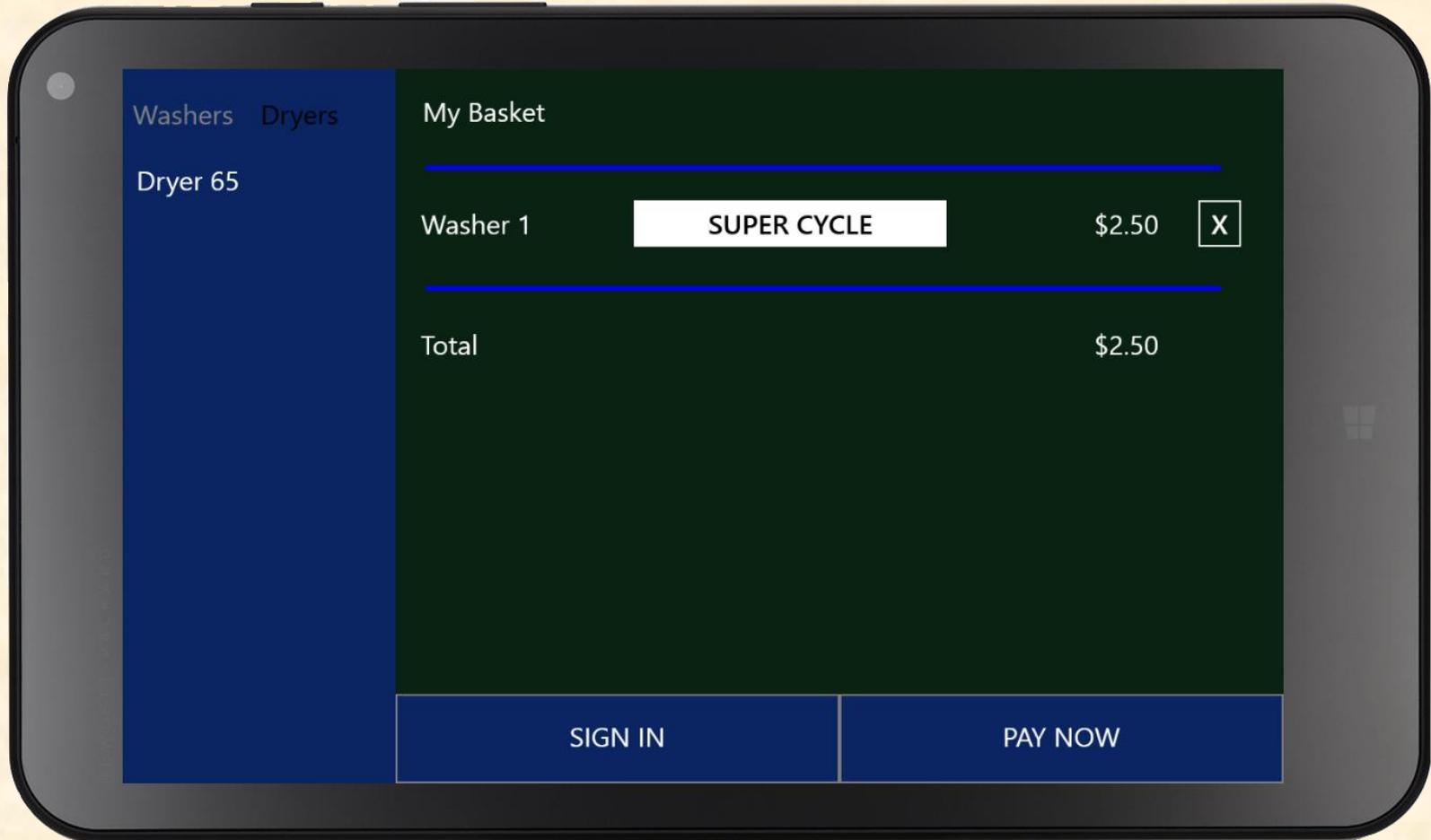
# Empty Basket



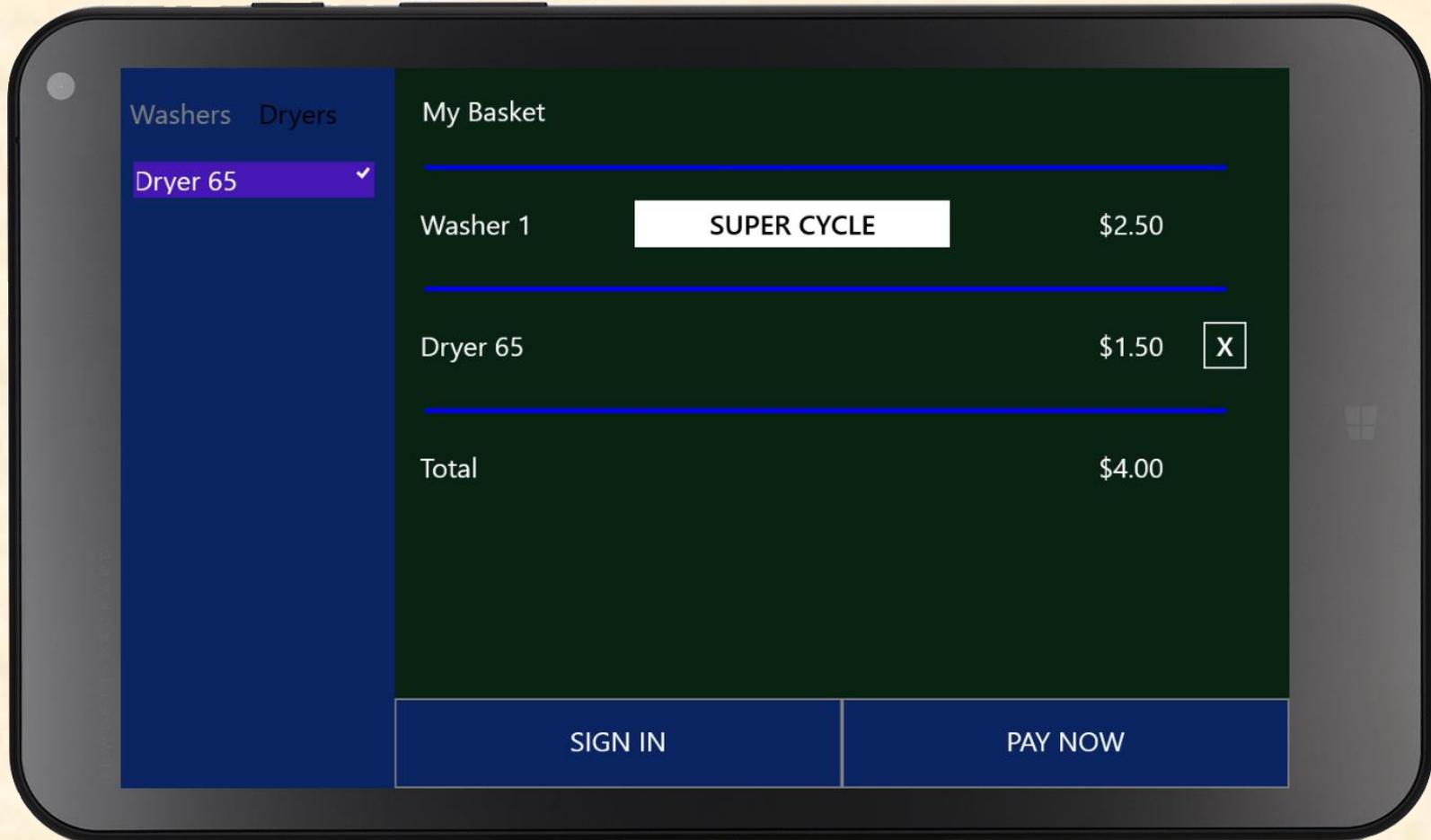
# Adding/Removing Machines



# Super Cycle



# Dryer



# What's left to do?

- Implement text notification, sent to user on completion of machine cycle
- Finish integrating InnerFence system in order to implement payment system
- Work on functionality for special machines (Marlin)
- Enable app locking feature to prevent customers from using the tablet for other purposes
- Enable refresh feature to allow users to see most recent available machines
- Implement a loyalty program (Stretch)

