

MICHIGAN STATE

U N I V E R S I T Y

Beta Presentation

Laundry Room Tablet Payment System

The Capstone Experience

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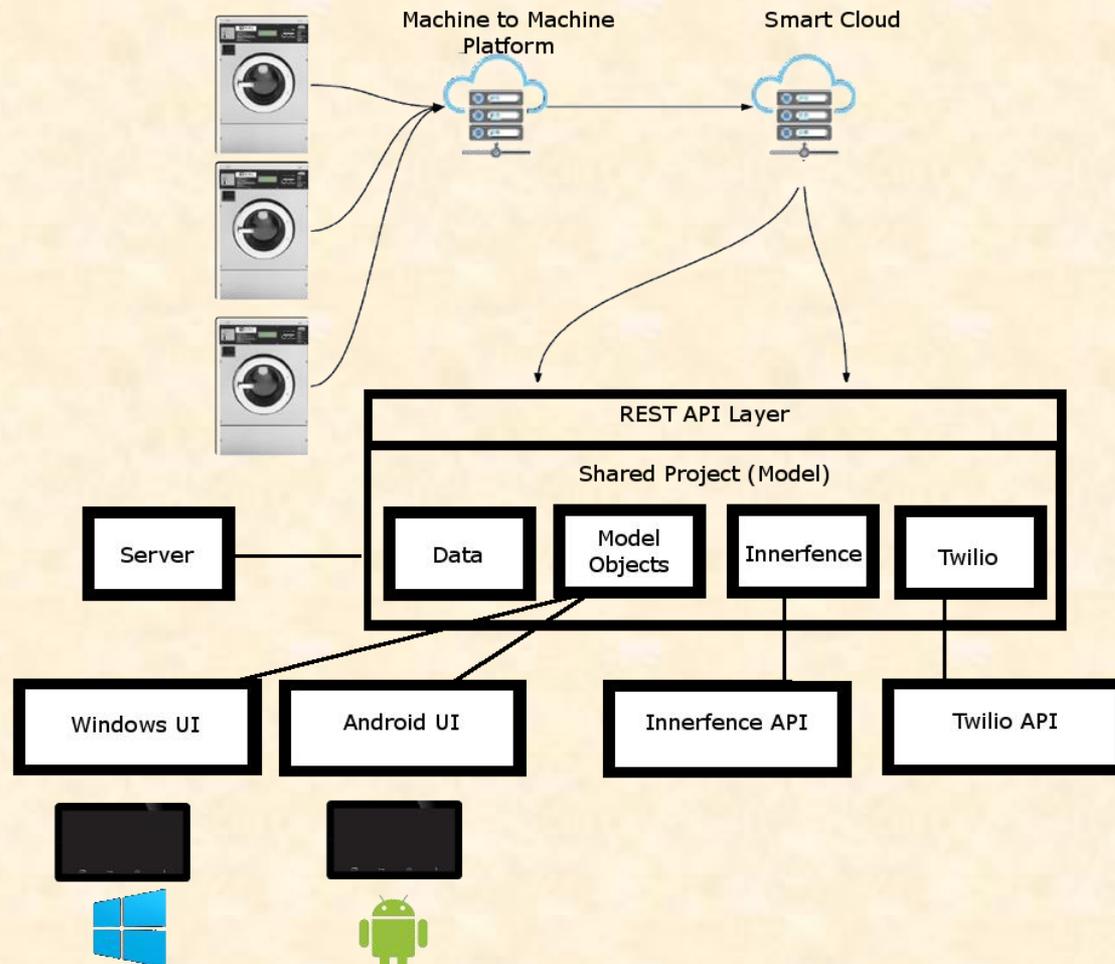
*From Students...
...to Professionals*

Project Overview

- 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



Adding/Removing Machines

WASH	DRY	MY BASKET		
Available	Unavailable			
Dryer	Washer	SUPER CYCLE	\$2.00	X
Dryer 14	Dryer	- + 30 min	\$1.50	
	Total		\$3.50	
		SIGN IN		PAY NOW



Super Cycle and Top Off

WASH	DRY	MY BASKET					
Available	Unavailable						
Washer		Dryer	-	+	11 min	\$0.50	
Washer 6		Washer	SUPER CYCLE			\$2.25	X
		Total				\$2.75	
		SIGN IN			PAY NOW		

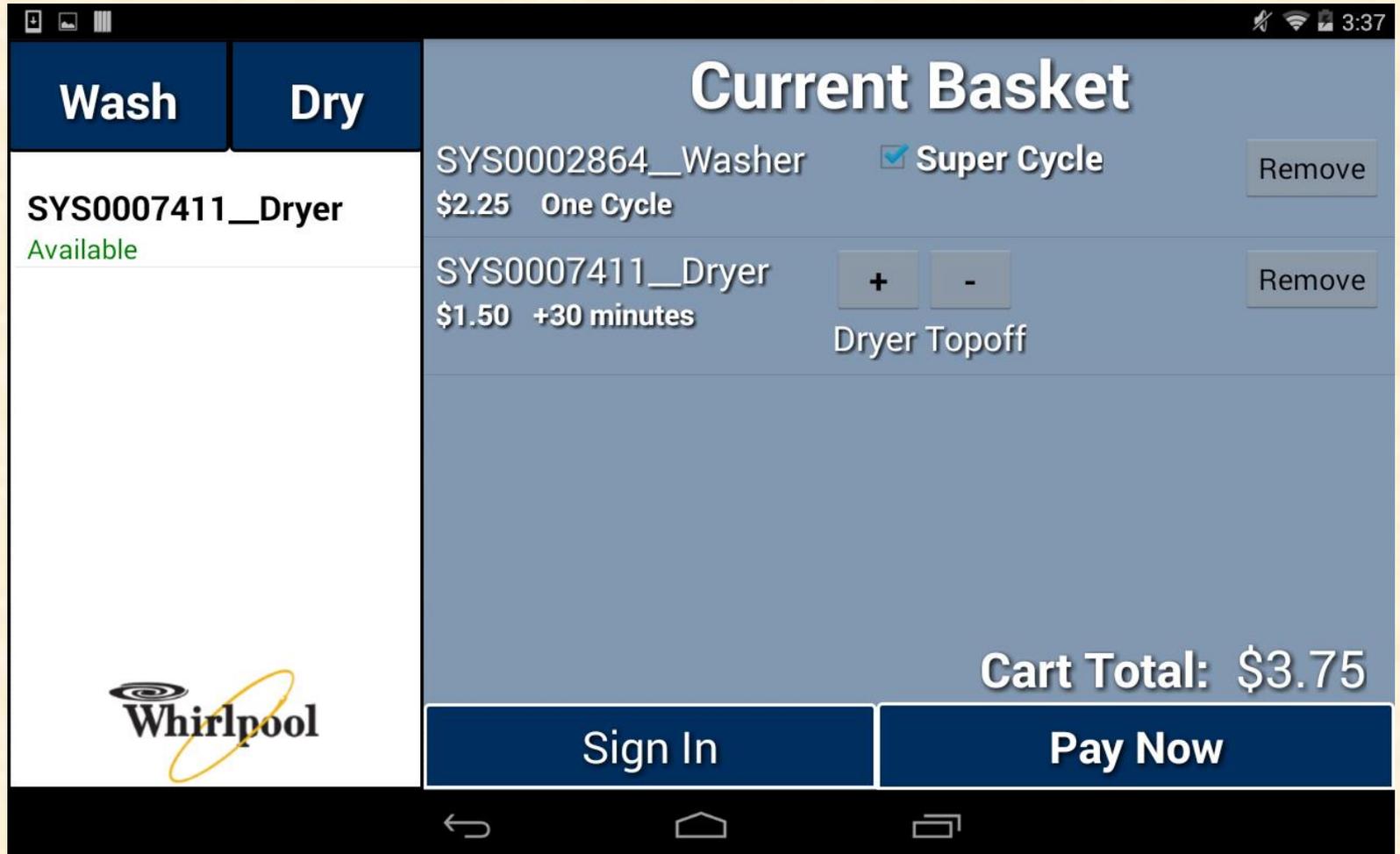


After Payment

WASH	DRY	MY BASKET	Have a problem? Let us know.
Available	Unavailable	BASKET EMPTY	
Washer			
Washer 6			
You have successfully paid for the machines! Do you want a text when your wash is finished?			
<input type="text" value="My phone number"/>			
<input type="button" value="Yes"/> <input type="button" value="No thanks"/>			
		SIGN IN	PAY NOW



Android Screen Shot



What's left to do?

- Finish implementing the loyalty program
- Enable app locking on Windows to prevent customers from using tablet for other purposes
- Ensure InnerFence fills in the correct price on the Android app.
- Improve the visual layout and style of the applications



Demo Video

