MICHIGAN STATE UNIVERSITY **Alpha Presentation Personal Shopping Assistant The Capstone Experience Team Meijer** Jacob Bonesteel **Aaron Carlson Emerson Chen**

Megan Lippert Zach Richardson

Department of Computer Science and Engineering Michigan State University Spring 2018

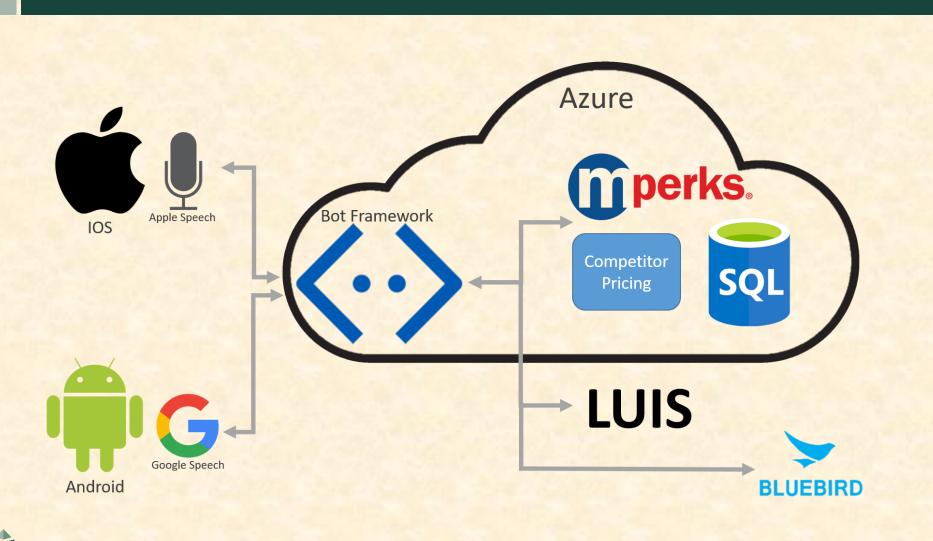


From Students... ...to Professionals

Project Overview

- Interactive and intelligent chatbot
- Enable customer to
 - Locate products
 - Obtain mPerks/coupon information
 - Check item prices at competitors
 - Notify team members to check stockroom for item

System Architecture



Home Screen

The Capstone Experience

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meijer.	Carrier 🗢 6:43 PM -
Hi, I'm Thrifty, your personal shopping assistant! Feel free to ask me anything, or you can tap this message for some more options.	Hi, I'm Thrifty, your personal shopping assistant! Feel free to ask me anything, or tap "Help" for some suggestions.
Ask Thrifty	
MPERKS HELP LOCATION	Ask Thrifty

Team Meijer Alpha Presentation

Help Manual

The Capstone Experience

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meijer.	Carrier 🗢 7:08 PM - meijer
Hi, I'm Thrifty, your personal shopping assistant! Feel free to ask me anything, or you can tap this message for some more options.	These are some of the FAQ's. Tap one to begin your search.
The following are some of the FAQ Is there a coupon for?	"Is there a coupon for?"
Is in stock? What are the competitor prices for? Where can I find?	"Is in stock?" "What are the competitor prices for?"
	"Where can I find?"
Ask Thrifty	Ask Thrifty
< ● ■	mPerks

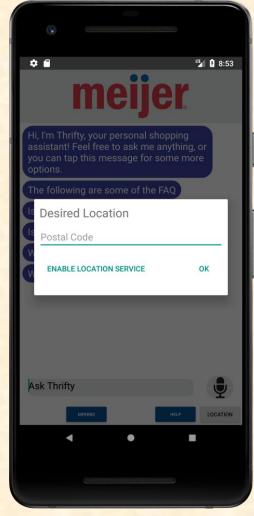
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Product Page and Conversations

¢ 6	₩ 1 8:54	Carrier 🗢 8:28 PM
Coca-Cola \$7.99 Aisle 2		Hi, I'm Thrifty, your personal shopping assistant! Feel free to ask me anything, or tap "Help" for some suggestions.
OUT OF STOCK		What aisle is Coke in? Coke is located in Aisle 08 How much is a 24 pack of Coke?
COUPON AVAILABLE		The price of Coke is: \$7.99 Thank you You're welcome!
COMPETITOR PRICES		
Ask Thrifty MPERKS HELP		Ask Thrifty

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Location Prompt

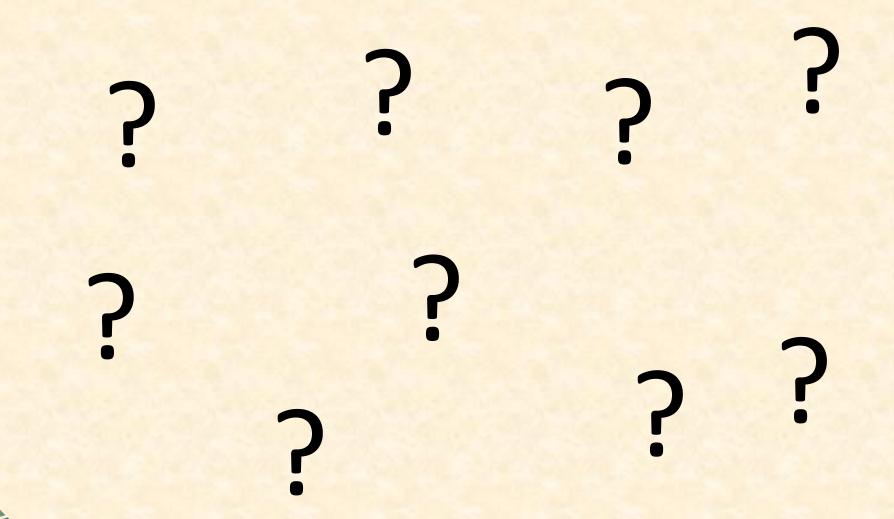


What's left to do?

- Integrate the bot with bluebird devices
- Connect the bot to competitor price web app
- Query database for store locations
- Generate more LUIS training data
- Finish frontend to display product data
- Integrate with mPerks
- Add user location prompt to iOS app



Questions?



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