MICHIGAN STATE UNIVERSITY

Beta Presentation

Meijer Smart Shopper

The Capstone Experience

Team Meijer

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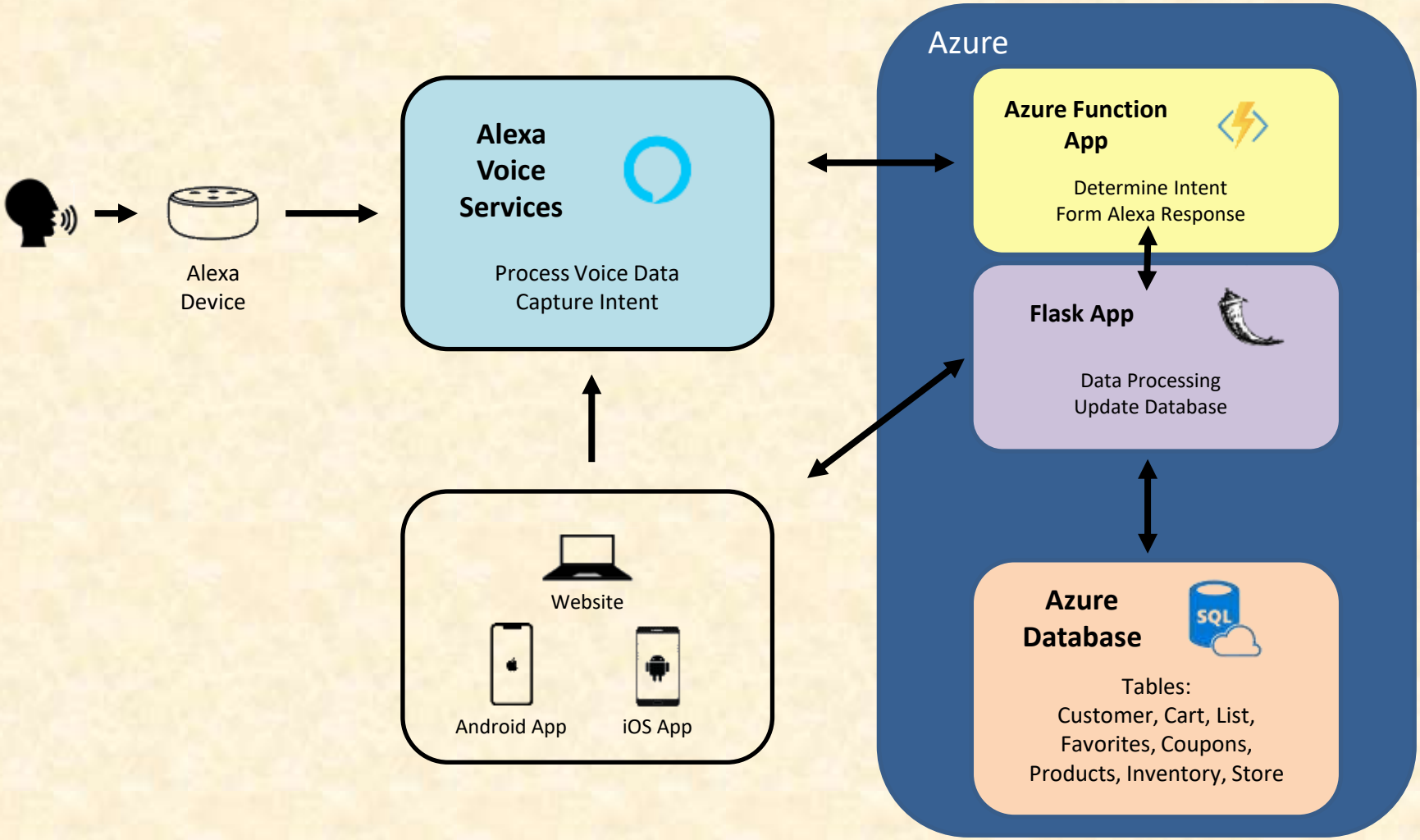
From Students…
…to Professionals

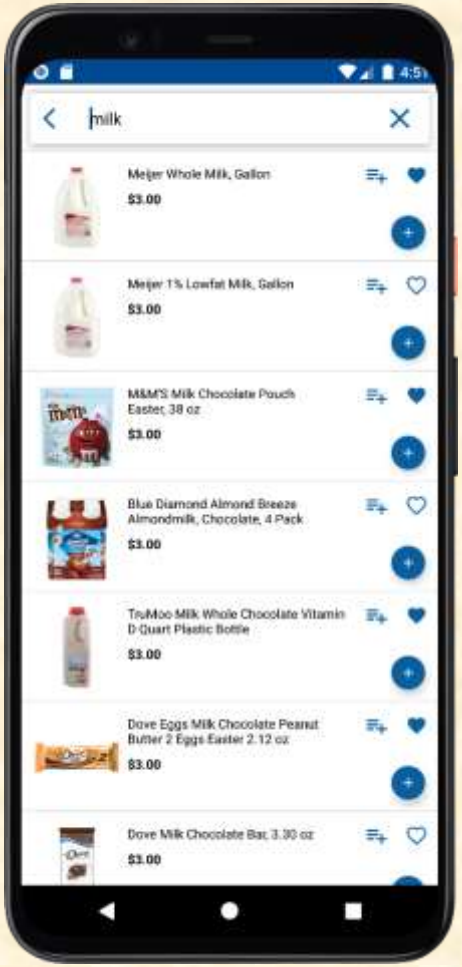
Project Overview

- Proof of concept
- Implement Alexa with standalone Meijer app
- ‘Hey Alexa, add bread to my Meijer shopping cart’
- Support user profiles
  - Favorites
  - Coupons
- iOS, Android and web

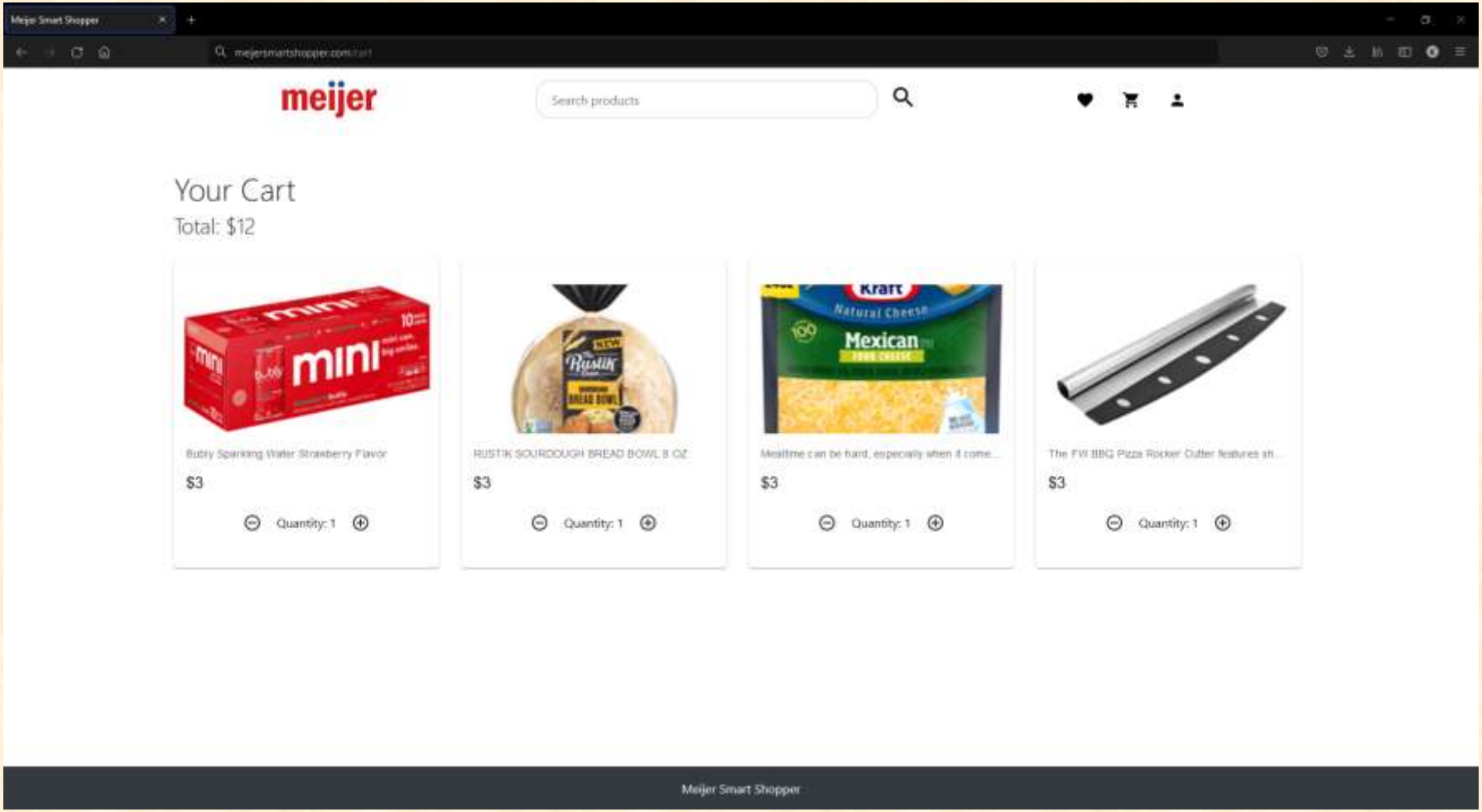
System Architecture



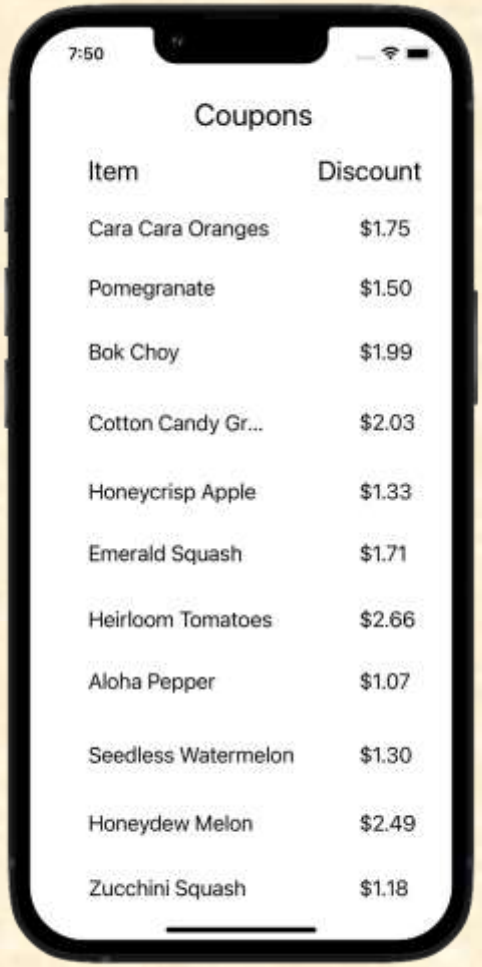
Android Search Catalog



Website Cart



iOS Coupons


7:50
Coupons
Item
Discount
Cara Cara Oranges
$1.75
Pomegranate
$1.50
Bok Choy
$1.99
Cotton Candy Gr...
$2.03
Honeycrisp Apple
$1.33
Emerald Squash
$1.71
Heirloom Tomatoes
$2.66
Aloha Pepper
$1.07
Seedless Watermelon
$1.30
Honeydew Melon
$2.49
Zucchini Squash
$1.18

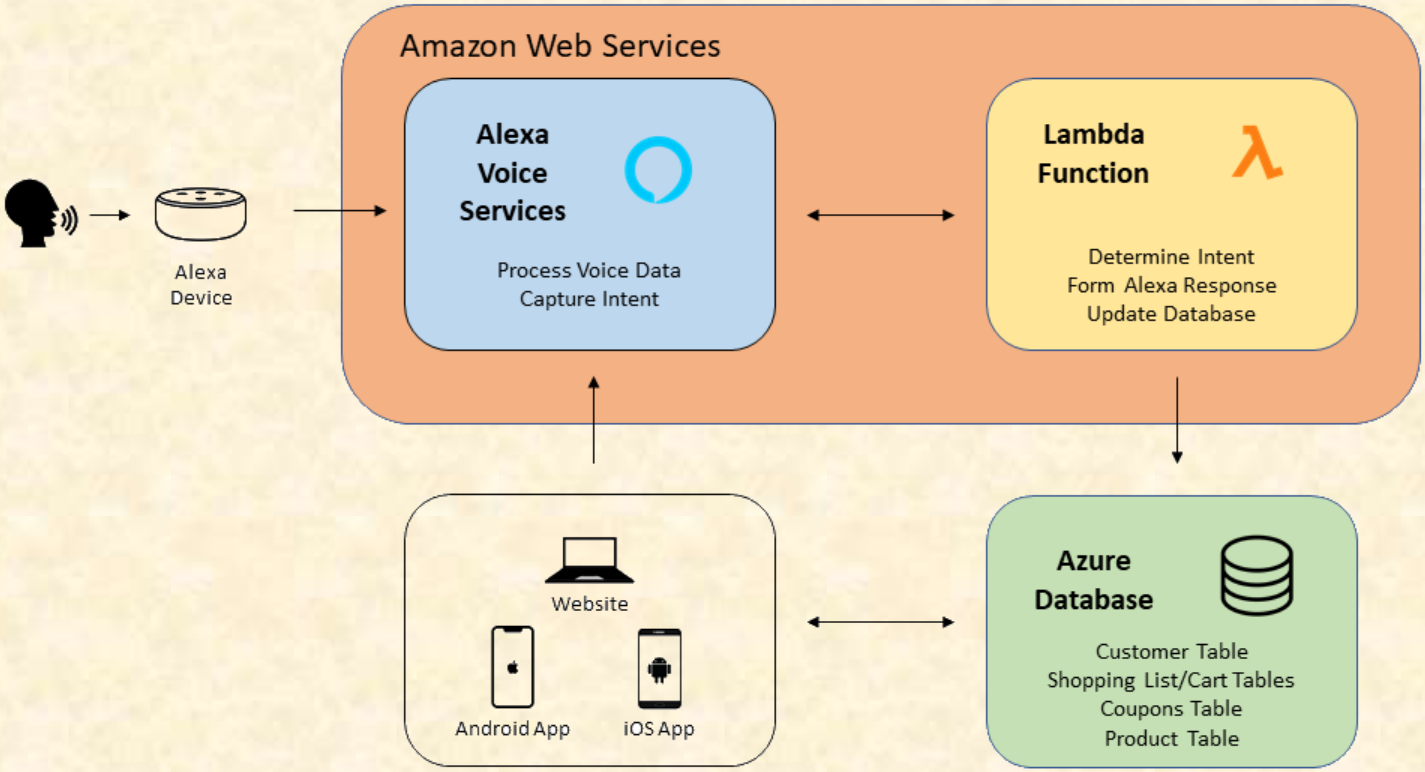
Android Favorites

What's left to do?

- Stretch Goals
  - Schedule pick-up/delivery through Alexa
  - User-set Alexa favorite recommendation threshold
  - Location services
- Other Tasks
  - UI Polishing
  - More flexible Alexa intents/commands/conversations

Questions?

End of slide show, click to exit.

back

Architecture V1