Alpha Presentation
Fresh-ipes
The Capstone Experience

Team Meijer

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Project Overview

• Simplify shopping experience using Amazon Echo Show
• Determine household ingredients based on shopping history
• Suggest recipes based on household ingredients
• Create shopping list of missing ingredients or frequently bought items that are low
System Architecture

User
- iOS / Android

Data
- nutritionix Ingredient API
- Yummly Recipe API
- MS SQL Server

Microsoft .NET Framework

Testing
- POSTMAN
- Hockey App
- Insights for Analytics

Microsoft Azure

Amazon Echo
Android Shopping List

- Butter
- Milk
- Eggs
- New Item
- Kiwi
- Buttermilk Squash
- Star Fruit
iOS Shopping List

- Apples
- Bananas
- Squash

New Item

Recommended
- Butter
- Milk
- Eggs
- Schezwan Sauce
Amazon Show Planned Meals

1. Chicken Pot Pie
2. Miso Soup
3. Fried Rice
Amazon Show Planned Meals

Miso Soup

- Add to Favorites
- Plan to a Meal

Ingredients:
- 8 cups water
- 1 1/2 teaspoons instant dashi granules
- 1/4 cup miso paste
- 1 tablespoon dried seaweed (for miso soup), soaked in water
- 1/2 cup cubed tofu
What’s left to do?

• Determine which ingredients a user needs to complete a recipe

• Pass shopping list to curbside and delivery

• Link Meijer shopper IDs to app users

• Test exhaustively
Questions?

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