Alpha Presentation
In-Store Price Compare
The Capstone Experience

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Project Overview

• Mobile Application
  ▪ Scans item barcode
  ▪ Compares Meijer price to other third party store prices
  ▪ Generates a coupon to make up for price difference
  ▪ Store results on server

• Web Interface
  ▪ For Meijer analysts to see what items are scanned often
  ▪ Price differences between Meijer and competition
  ▪ Graphs and tables visualizing various data
System Architecture

- Mobile App
  - Xamarin

- Web Services
- 3rd Party Services
  - Best Buy, Kmart, Walmart, Amazon
- Server
  - Microsoft Azure SQL Server
- Website
  - ASP.net, HTML5, C#, d3.js
What’s left to do?

• Implement charts and graphs
• Filter scans by location
• Make mobile app log in work
• Connect users to scans
• Related item coupons