

**MICHIGAN STATE**  

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**UNIVERSITY**

# Alpha Presentation

## Supply Chain Induction Visibility Using Witron

### The Capstone Experience

Team Meijer

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

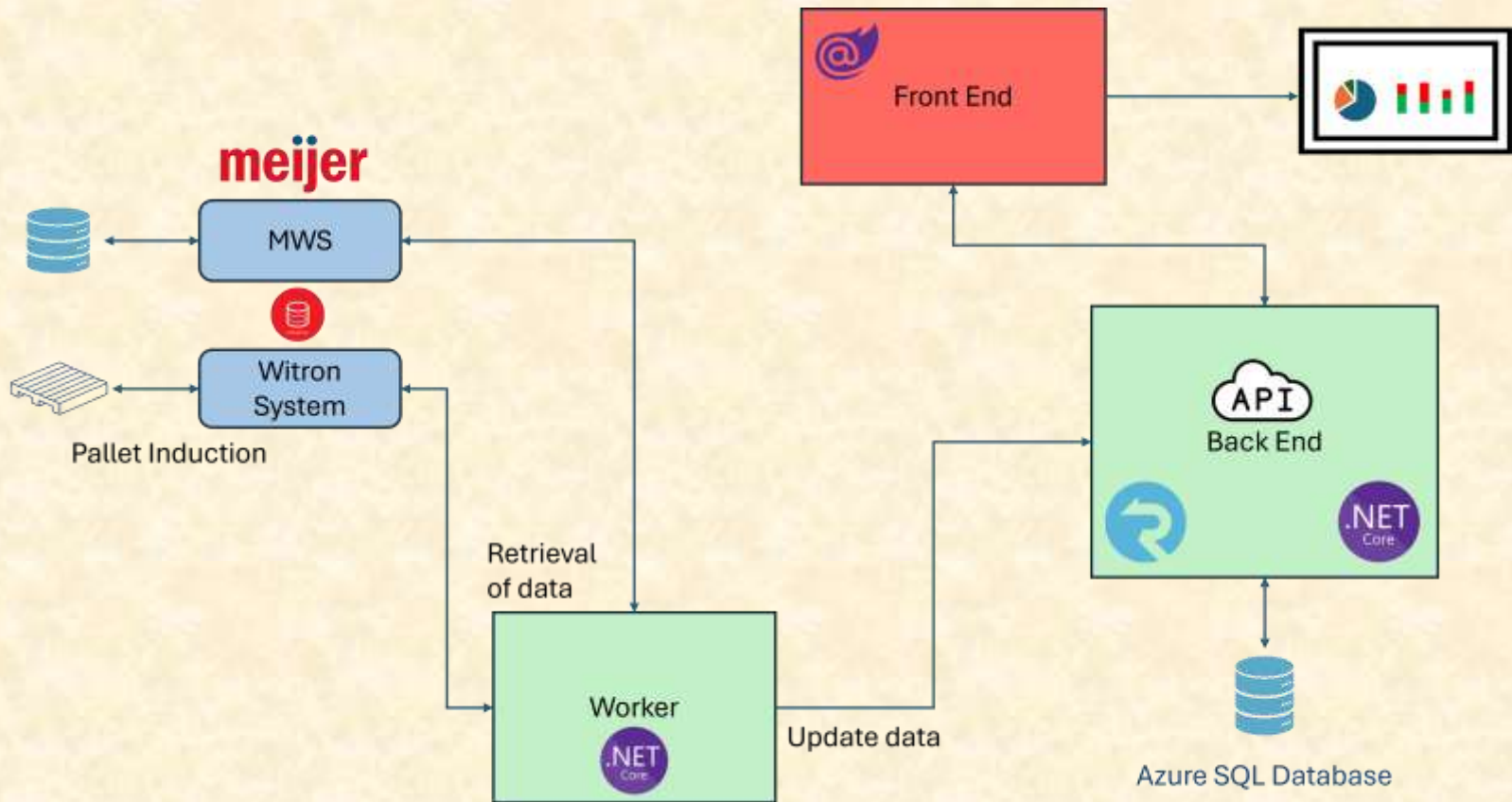
# Project Overview

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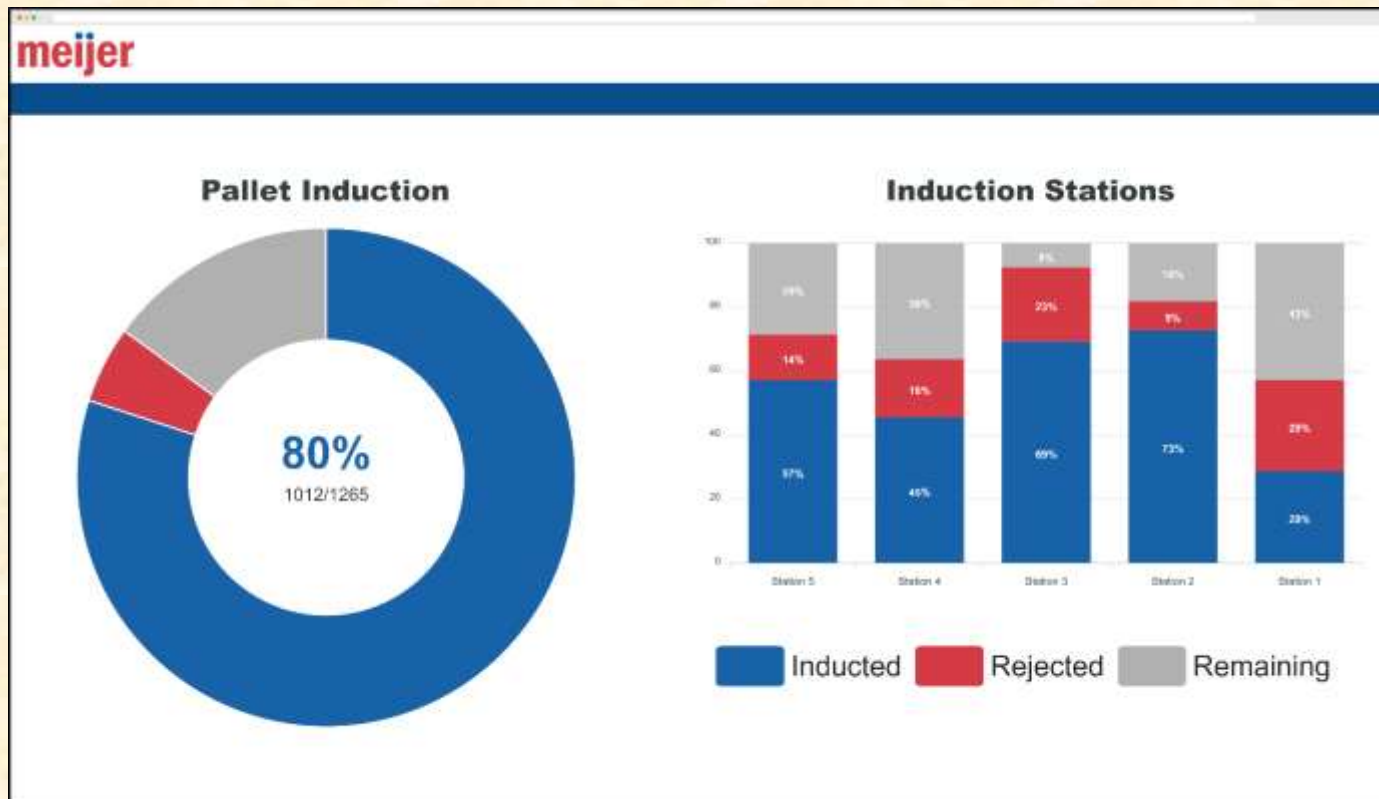
- Meijer
  - Large Superchain in Midwest US
  - 270+ Stores
- Warehouse Induction Problem
  - Workers lack clarity on pallets
  - Two separate Databases of information
- Dashboard Solution
  - Real Time Data Display of Induction Stats
  - Included Admin Page for stats on all stations



# System Architecture



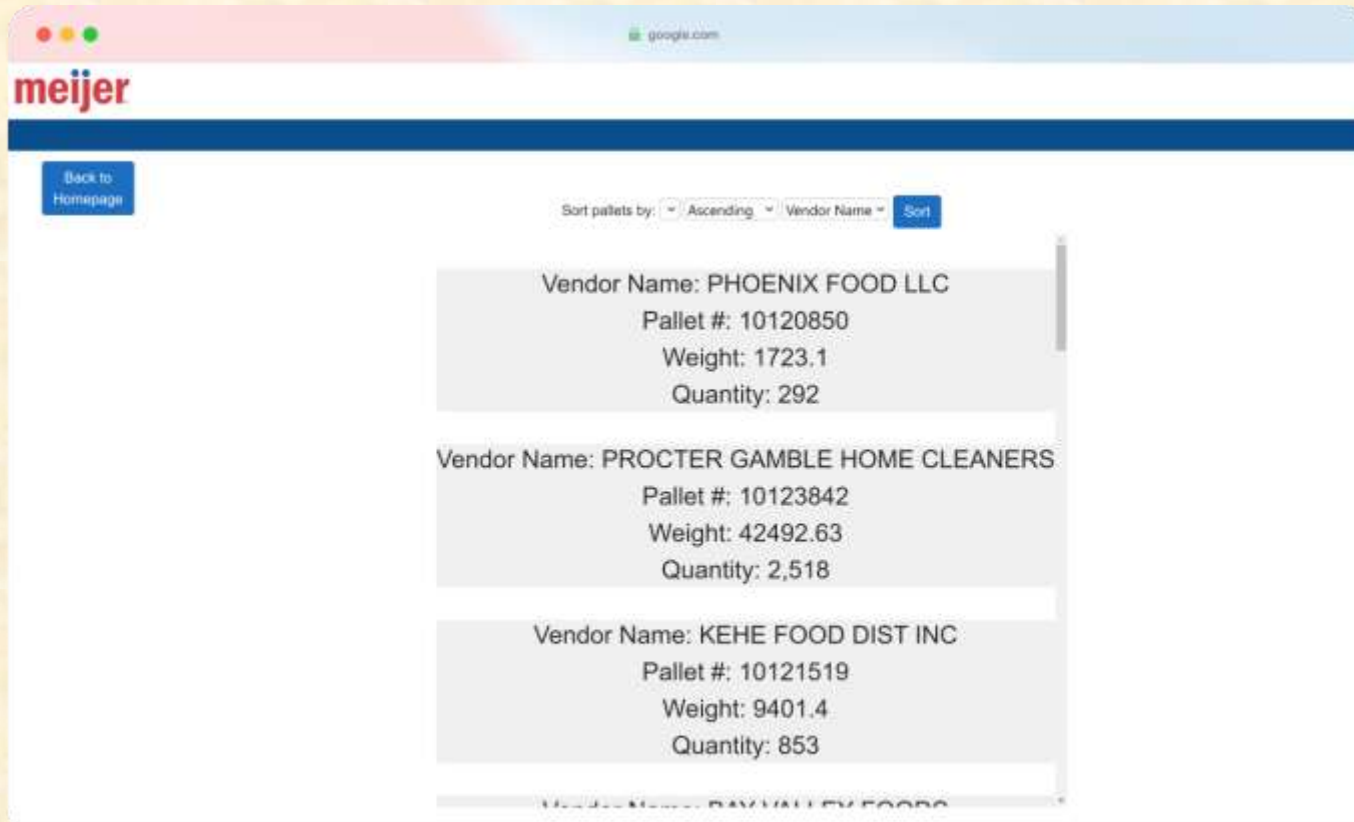
# Induction Dashboard



# Warehouse display



# Vendor Sorting





# Pallet Search

meijer

Back to Homepage

## Pallet Tracker

Track the status of your pallets in real time.

search... Search

Purchase Order	Name	Successful	Successful No Errors	Weight	Rejected
123101	Phoenix Foods	190	100	4829	50
284912	Aldi	170	110	347	60
745828	Zone	200	140	2444	80
848381	Alto	185	120	521	60
195831	Field Max	5	2	821	2

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Designed in [Figma] Built with [Next.js] Hosted on [Vercel]



# Induction Overview





# What's left to do?

- Getting Actual Data From Meijer
  - Still using mock data for our database
  - API setup to compile data, need data for testing
  - Worker / API
- Improve Admin Pages
  - Be able to display more relevant info of pallets / Combine Pages
  - Create real time access for Admin
  - Mobile Support
- Finalize Database Schema
- Deployment to Azure



# Questions?

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