

MICHIGAN STATE
UNIVERSITY

Beta Presentation

Enhanced Shopping Experience Using AI

The Capstone Experience

Team Meijer

Matthew Crandall

Zachary Gage

Chirag Rudrangi

Cameron Schwartz

Tatiana Voegerl

Department of Computer Science and Engineering

Michigan State University

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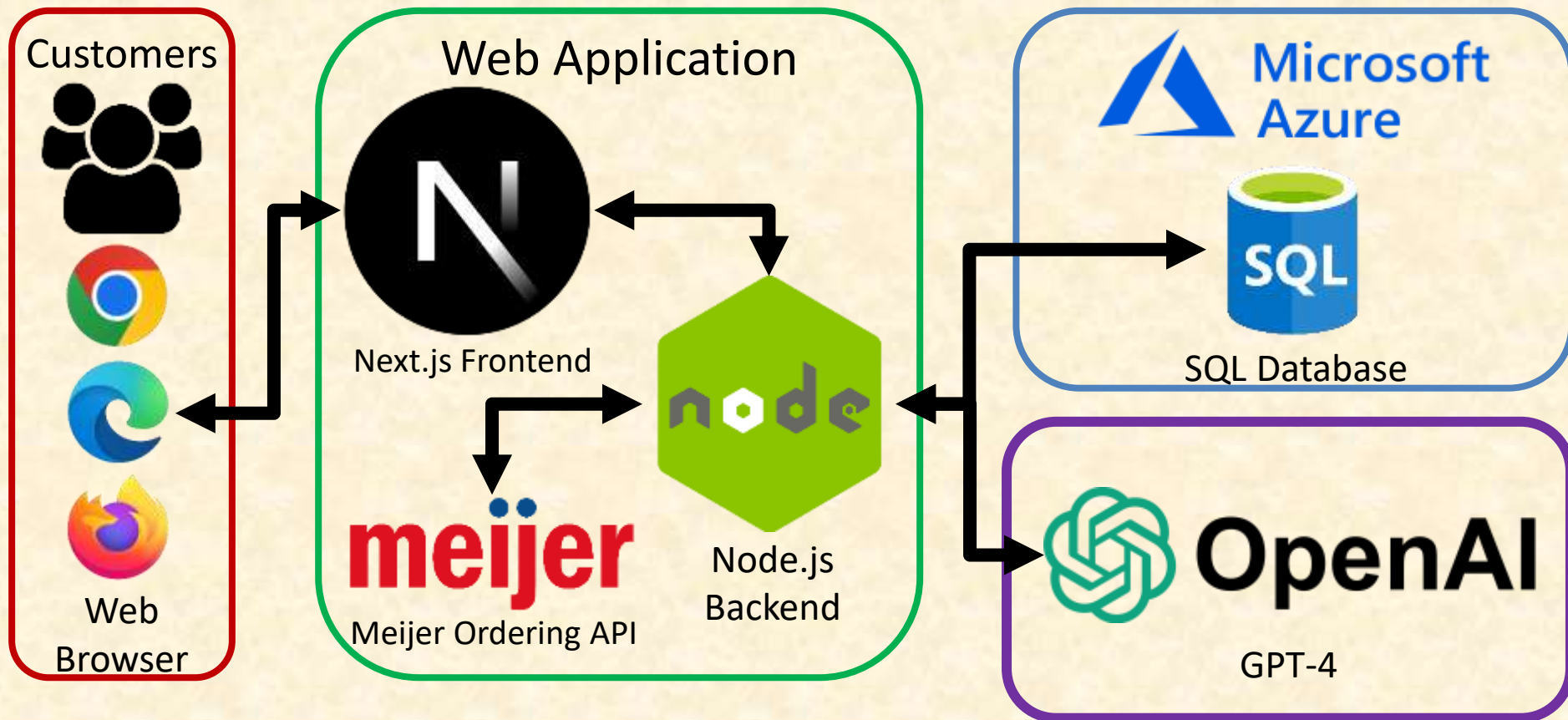
*From Students...
...to Professionals*

Project Overview

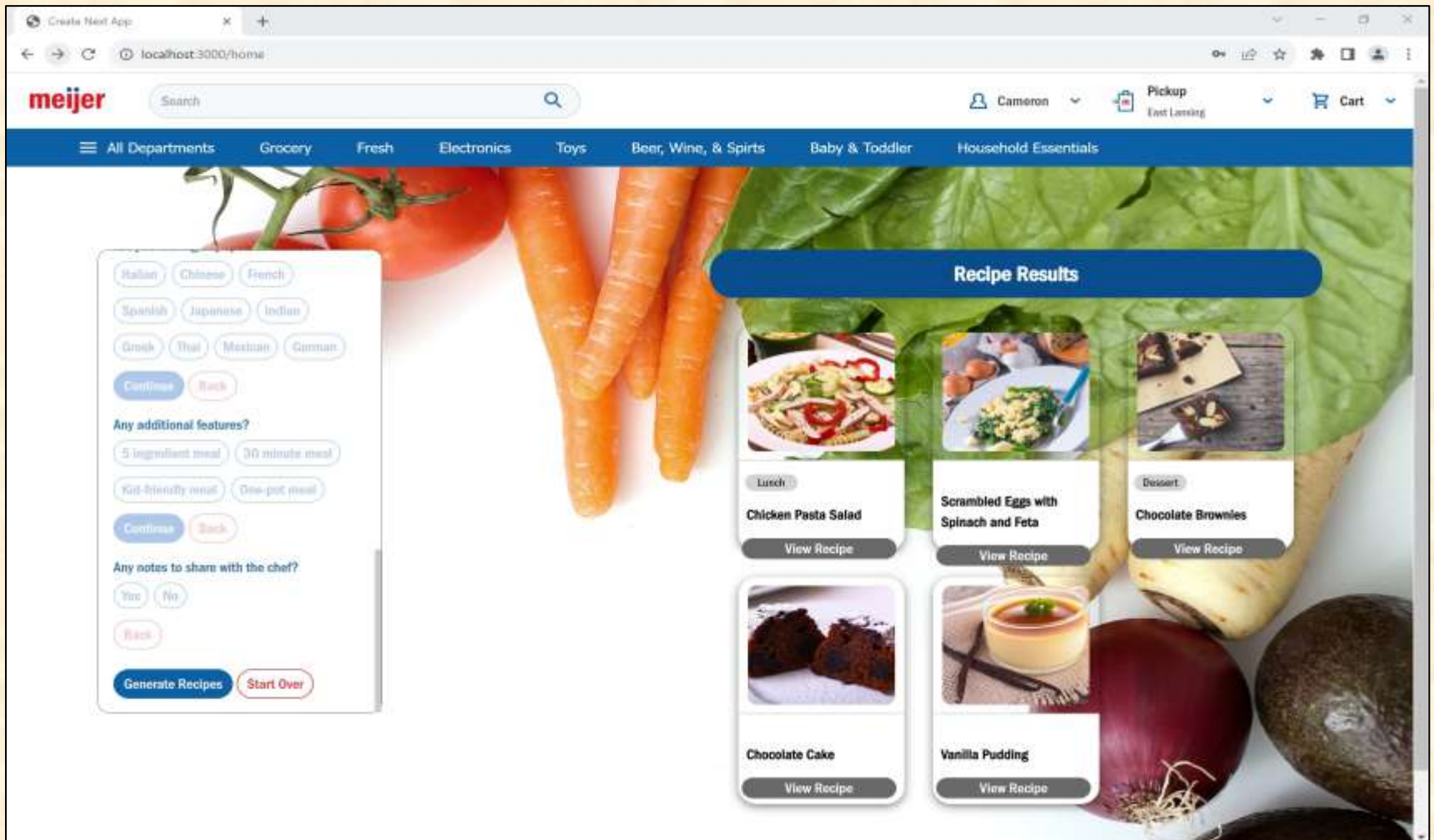
- Make it easier for customers to find recipes that they will like
- Create custom recipes based on dietary preferences and purchase history
- Contained in a web application



System Architecture



Home Screen



Recipe Modal

The screenshot shows a web browser window with a recipe modal open. The browser's address bar shows 'localhost:3000/home'. The modal title is 'Scrambled Eggs with Spinach and Feta'. It features a large image of the finished dish on the left. Below the image is a text input field with 'I want ingredients for' and a quantity selector set to 'Qty: 1 + meals.'. Three blue buttons are stacked below: 'Add Selected Ingredients to Cart', 'Save Recipe', and 'Share Recipe'. The main content area is divided into two sections: 'Ingredients' and 'Instructions'. The 'Ingredients' section lists seven items with their quantities. The 'Instructions' section contains a nine-step numbered list. At the bottom of the modal, there is a section titled 'Add Ingredients To Cart' with a blue button labeled 'Add Selected Ingredients to Cart' and four image cards for ingredients: green bell peppers, fresh basil, a yellow squash, and an eggplant with sliced cucumbers.

Scrambled Eggs with Spinach and Feta

Ingredients

1. Large eggs: 4
2. Spinach: 1 cup
3. Feta Cheese: 0.5 cup
4. Milk: 0.5 cup
5. Butter: 1 tbsp
6. Salt: 0.5 tsp
7. Black pepper: 0.5 tsp

Instructions

1. Crack the eggs into a bowl, add milk and whisk until the yolk and whites are fully integrated.
2. Season with salt and black pepper.
3. Preheat a non-stick pan over medium heat.
4. Melt the butter in the pan and ensure it coats the entire pan.
5. Add the eggs to the pan. Let them cook undisturbed until they start to set around the edges, about 1-2 minutes.
6. Start to stir the eggs with a spatula, pushing it from the edges to the center. Pause for a bit to allow the eggs to set, then stir again.
7. Repeat this process until the eggs are mostly cooked but still slightly runny, then remove from heat.
8. Stir in the spinach and feta cheese, allowing the residual heat to wilt the spinach and melt the cheese.
9. Serve the Scrambled Eggs with Spinach and Feta immediately. Enjoy!

Add Ingredients To Cart

Add Selected Ingredients to Cart

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Cart











meijer Search

Cameron Pickup East Lansing Cart

All Departments Grocery Fresh Electronics Toys Beer, Wine, & Spirits Baby & Toddler Household Essentials

Your Cart

7 Items [Empty Cart](#)

| | | |
|---|--|--|
|  | Poblano Pepper 1 at \$0.66 each \$0.66 |  Qty: 1 + Remove |
|  | Spinach 1 at \$1.69 each \$1.69 |  Qty: 1 + Remove |
|  | Butternut Squash 1 at \$3.23 each \$2.09 Savings (\$1.14) |  Qty: 1 + Remove |
|  | Eggplant, Large 1 at \$1.29 each \$1.29 |  Qty: 1 + Remove |
|  | Meijer Feta Cheese Crumbles, 4 oz 1 at \$2.89 each \$2.89 |  Qty: 1 + Remove |

Order Summary

| | |
|----------------------|----------------|
| Item Total | \$23.34 |
| Pickup Fee | \$4.95 |
| Bottle Deposit | \$0.00 |
| Taxes | \$0.00 |
| Subtotal | \$28.29 |
| mPerks | (\$0.00) |
| Sales and Specials | (\$1.14) |
| Total Savings | -\$1.14 |
| Total | \$27.15 |

Disclaimer: Your final order total may differ from the estimated total above due to substitutions, inventory changes, taxes, and discounts. We'll determine the final total when we complete your order. Please note that we can't accept cash or paper coupons for online orders.

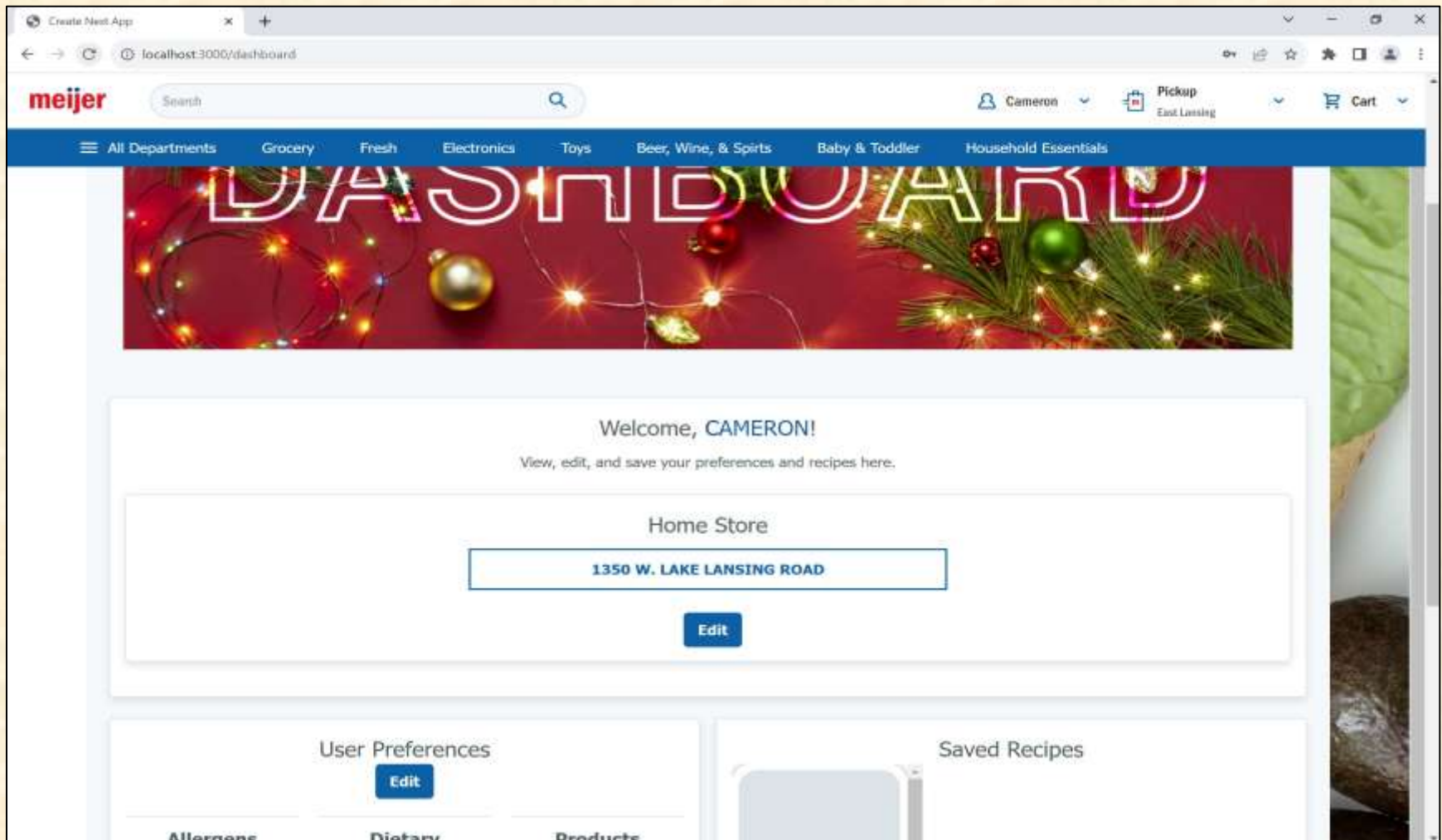
Cart ID#: 928799491

[Pickup](#) [Delivery](#)

Select A Store



User Dashboard



What's left to do?

- Features
 - Displaying saved recipes on user dashboard
- Stretch Goals
 - Featured recipes page
 - Generating initial meal based on time of day
- Other Tasks
 - Enhance UI
 - Generator
 - Recipe Card
 - Dashboard
 - General bug fixes



Questions?

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