

MICHIGAN STATE

UNIVERSITY

Beta Presentation

mHealthy: Healthy Eating Application

The Capstone Experience

Team Meijer

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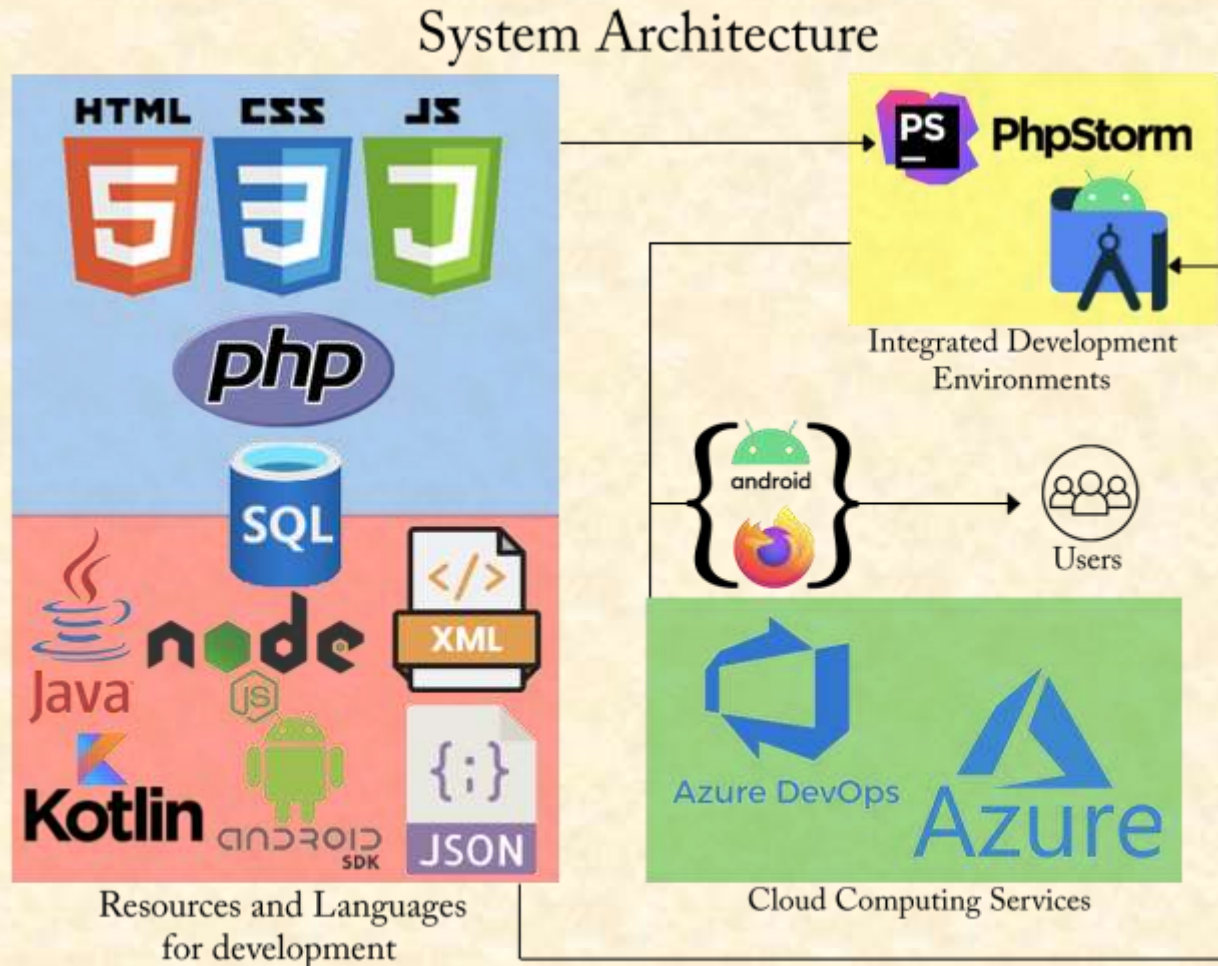
*From Students...
...to Professionals*

Project Overview

- Help customers make healthy choices by providing easy-to-understand information with a mobile application
- Create categories such as Gluten-Free, Keto, etc.
- Provide suggestions for healthy eating
- Design to be integrated into the current Meijer website and app



System Architecture



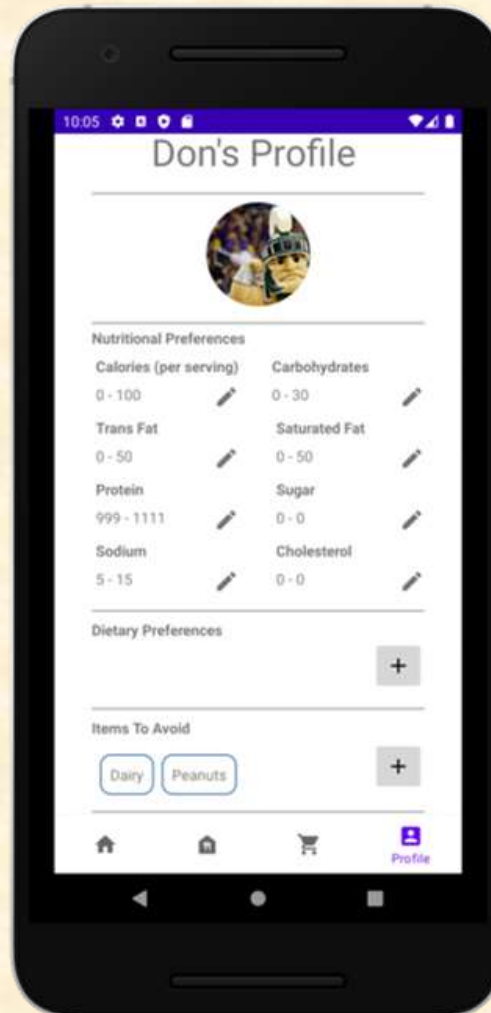
Profile Page - Web

The screenshot shows a web browser window displaying the Meijer mHealthy Nutrition Profiles page. The browser's address bar shows the URL `mhealthy.azurewebsites.net/profile.php?userid=mmm&profilename=James`. The page header includes the Meijer logo and a "Shop Departments" link. The main heading is "mHealthy: Nutrition Profiles" with a "Sort by: Relevance" dropdown menu. On the left, there is a vertical list of profile icons labeled "n", "J", "M", "L", and a yellow icon with a vertical ellipsis. The main content area is titled "James's Preferences" and contains the instruction: "Please select all of the nutrition data you would like to include in your profile. Values are per serving." Below this, there are three sections for selecting nutrition data ranges:

- calories**: Radio buttons for "0-499", "500-700", and "701+". A blue callout box states: "On average, people should consume between 500-700 calories per meal, based on a 2000 calories per day diet."
- total fat (g)**: Radio buttons for "0-14", "15-22", and "23+".
- saturated fat (g)**: Radio buttons for "0-5", "6-9", and "10+".



Profile Page - Mobile



Shopping Page - Web

Homepage - Michigan State Univ | Mail - Matanki, Filip - Outlook | mHealthy Shopping Page

mHealthy | Nutrition Profiles

Shopping Results for James

Profiles

- n
- J
- M
- L
- j
- A

Go to cart

Product Name	Price
Epic Wagyu Beef Steak Strips, 0.8 oz	1.99
Fritos Flavor Twists Corn Snacks Honey BBQ Flavored	3.89
Harvest Snaps Green Pea Snacks Crisps Lightly Salted, 3.3 oz	1.89
Highkey Snacks Keto Chocolate Brownie Mini Cookies	3.99
Jack Link's Beef Steak Bars Teriyaki	7.29
KIND Bars Apple Cinnamon Oatmeal	4.29
Larabar Gluten Free Bar Lemon, 1.6 oz	1.29
Reese's Peanut Butter Puffs Breakfast Cereal	3.49
LEAN CUISINE Features Apple Cranberry Chicken 9.625 oz	2.29
Little Debbie Big Pack Honey Buns 20.98 oz	3.99



Shopping Page - Mobile



Suggestions Page - Web

The screenshot displays a web browser window with the following elements:

- Browser Tabs:** "Homepage - Michigan State Un...", "Mail - Microsoft, Hsp - Outlook", and "mHealthy Cart".
- Address Bar:** "mhealthy.azurewebsites.net/cart.php?userid:mmm&profilename:julius".
- Header:** "mHealthy Help for julius!" with a subtext "Select another profile to get suggestions to help lead you closer to achieving your health goals!". To the right are six circular profile icons labeled "n", "J", "M", "L", "j", and "A".
- Order Summary (Right Side):** A box containing "Order Summary", "Subtotal:", "Taxes:", and "Estimated Total".
- Shopping Cart (Main Content):**
 - Item 1:** "Little Debbie Big Pack Honey Buns 20.98 oz." with a "Remove" link, an image of the buns, a quantity selector set to "1", and a price of "3.99".
 - Item 2:** "Coca-Cola mini sip-sized 10-7.5 fl oz" with a "Remove" link, an image of the mini cans, a quantity selector set to "1", and a price of "4.89".
- Product Suggestion (Bottom Left):** A blue rounded rectangle containing an image of Diet Mt Dew bottles, the text "Diet Mt Dew Low Calorie DEW Soda Citrus 10.9 Fl Oz 6 Count Bottles", and a price of "\$3.99".
- Action Button:** A blue button labeled "return to shopping" is located below the order summary.



What's left to do?

- Features
 - Temporary Session Filter For Web
- Stretch Goals
 - Preference Sliders for Web
 - Specialized Diet Feature
- Other Tasks
 - Fix Product Image Bug on Mobile
 - Finetune Nutrition Tips
 - Match Verbiage on Both Sides
 - Finalizing UI



Questions?

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