Concept – Develop a tool that will utilize the FDA "Food Recall Enforcement Reports" to inform and educate consumers of food product recalls that are in an open and or closed status. That dataset is derived from an open FDA API endpoint for all food product recalls monitored by the FDA. Recalls are almost always voluntary, meaning a company discovers a problem and recalls a product on its own. Other times a company recalls a product after FDA raises concerns. Recall information is posted in the Enforcement Reports once the products are classified.

Feature - Search (Capability to search all fields in the dataset and return a set of information in a standard way)

As a Mom I want to ensure that the food/beverage products that

I am feeding my children are not contaminated in any way by quickly accessing open or closed products from the FDA food recall list so I can ensure I am not buying or eating recalled products.

As a consumer at the grocery store I want to be able to quickly search against certain data fields such as product name, a concept (peanuts), location etc. and visually see the results so I can quickly determine if an item is actively being recalled.

Feature - Dashboard (high level visual depiction of data, that is quickly digestible and consumable to the use)

As a consumer at the grocery store I want to be able to view at a

high level, the total amount of open FDA recalls, the total recalls specific to a given state, and the total amount of recalls by classification so I can view at a high level the summary of the recall data

As a consumer at the grocery store I want to be able to drill down into dashboard data to further expand upon the roll up of the data sets(classification 1,2,3) so I can gain additional understanding and information into a summary of data (total type 2 classifications by state).

Feature - Social Media.   1

As a nutritionist I want to be able to have live updates, news

articles and any current information (news feeds) specific to a specific Food recall in real time so that I can continue to inform my clients of any recalled products status

Feature - User Profile

As a nutritionist I want to be able to establish a profile with the tool so that I can request alerts be sent to me via email about any new recalls that have happened in my state or the surrounding states so that I can continually be informed of any new recalls

As a nutritionist I want to be able to establish a profile with the tool so that I can request alerts be sent to me via email about any closed recalls that have happened in my state or the surrounding

states so that I can continually be informed of any closed recalls

Feature – Security

As a nutritionist I want to ensure that when I establish a profile to request alerts my username, password and email address is secure so that my email is not provided or obtainable by others

Alabama
Alaska
Arizona
Arkansas
California
Colorado
Connecticut
Delaware
Florida
Georgia
Hawaii

Idaho
Illinois
Indiana
Iowa
Kansas
Kentucky
Louisiana
Maine
Maryland
Massachusetts
Michigan
Minnesota
Mississippi
Missouri
Montana
Nebraska
Nevada
New Hampshire
New Jersey
New Mexico
New York
North Carolina
North Dakota
Ohio
Oklahoma

Oregon
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Rhode Island
South Carolina
South Dakota
Tennessee
Texas
Utah
Vermont
Virginia
Washington
West Virginia
Wisconsin
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