Framing the Challenge (v02)

# What problem are we trying to solve?

We are improving everyone’s ability to search, visualize, and explore openFDA Drug, Device, and Food recall data.

# Design Question

How might we improve the searchability, exploration, and visualization of Drug, Device, and Food recall data?

# Impact Statements

We want the general public to effectively access and explore Drug, Device, and Food recall data to improve their awareness, safety, and decision making processes.

We want academic institutions to effectively access and explore Drug, Device, and Food recall data to improve their research, laboratories, classrooms, and acquisition practices.

We want government agencies and lawmakers to effectively access and explore Drug, Device, and Food recall data to improve data-driven decision-making processes, such as acquisition practices, policy development, and workforce support (e.g., military materials and supplies).

We want businesses to effectively access and explore Drug, Device, and Food recall data to improve their awareness of important issues in the marketplace, such as adverse consumer experiences, recall trends, and common mislabeling issues.

# Possible Solutions

Provide a keyword search capability that displays results using three visual styles: list, map, and timeline.

Provide secondary search capability to filter search results.

# Context

This short-term project is part of a Request for Qualification (RFQ) issued by the General Services Administration (GSA).

A prototype submission goal is to ensure that the prototype consumes, modifies, remixes, or displays the dataset provided for its functionality.

# Constraints

Time – We have approximately one week to make as much progress as possible, not including any extensions.

Documentation – Project documentation is a standard part of managing and executing a project. For this RFQ, in addition to delivering a functioning product, we must deliver process and project documentation to meet the RFQ evaluation criteria.