# Evidence of User Centered Design:

We followed a user-centered design process throughout the different stages of the project. In the Analysis phase, we started by creating user Personas, defining user stories and performing User Requirement Analysis. When it came to designing a solution, we iteratively designed and evaluated our progressively improving Sketches, Mock-Ups, and Prototypes in various fidelities. Daily demos were held with all team members to review the latest design. We created and used usability surveys to collect user feedback for our initial Working Prototype, conducted a Heuristic Evaluation of the prototype using the UX Check tool (an extension on Chrome), and then incorporated the feedback to improve our design.

# Analysis

1. Created user personas
   1. [Exhibit 1.1: Photo of Day 0 brainstorming of user profiles](https://github.com/akulasainath/18frepo/blob/master/18F%20Evidence/User%20Centered%20Design%20Evidence/Exhibit%201.1_InitialBrainstormOfPersonas.JPG)
   2. [Exhibit 1.2: Final personas uploaded to github](https://github.com/akulasainath/18frepo/blob/master/18F%20Evidence/User%20Centered%20Design%20Evidence/Exhibit%201.2_Personas.pptx)
2. Developed and analyzed user requirements:
   1. [Exhibit 2.1: Stories / backlog](https://github.com/akulasainath/18frepo/issues)

# Design

1. Iterative Design approach
   1. [Exhibit 3.1: Sketching / Paper Prototyping (worddoc)](https://github.com/akulasainath/18frepo/blob/master/18F%20Evidence/User%20Centered%20Design%20Evidence/Exhibit%203.1_Sketches.docx)
   2. [Exhibit 3.2: Mock-Ups – high fidelity (worddoc)](https://github.com/akulasainath/18frepo/blob/master/18F%20Evidence/User%20Centered%20Design%20Evidence/Exhibit%203.2_Mockups.docx)
   3. [Exhibit 3.3: Working Prototype 1 (video)](https://github.com/akulasainath/18frepo/blob/master/18F%20Evidence/User%20Centered%20Design%20Evidence/Exhibit%203.3_3.4_Working%20Prototypes%20Videos.pptx)
   4. [Exhibit 3.4: Working Prototype 2 – post-survey feedback (video)](https://github.com/akulasainath/18frepo/blob/master/18F%20Evidence/User%20Centered%20Design%20Evidence/Exhibit%203.3_3.4_Working%20Prototypes%20Videos.pptx)

# Evaluation

1. Designed usability survey to collect feedback on working prototype
   1. [Exhibit 4.1: Usability Survey questions](https://github.com/akulasainath/18frepo/blob/master/18F%20Evidence/User%20Survey.docx)
   2. [Exhibit 4.2: Usability Survey feedback](https://github.com/akulasainath/18frepo/tree/master/18F%20Evidence/User%20Survey%20Feedback%20-%20Final)
2. Daily Demos
   1. [Exhibit 5.1: Photo of Iteration 1 demo](https://raw.githubusercontent.com/akulasainath/18frepo/master/18F%20Evidence/Iteration%201%20Demo.jpg)
   2. [Exhibit 5.2: Photo of Iteration 2 demo](https://github.com/akulasainath/18frepo/blob/master/18F%20Evidence/Iteration%202%20Demo.jpg)
   3. [Exhibit 5.3: Photo of Iteration 3 demo](https://github.com/akulasainath/18frepo/blob/master/18F%20Evidence/Iteration%203%20Demo.jpg)
3. UX Check – Heuristic Evaluation (tool)
   1. [Exhibit 6.1: Heuristic evaluation results (worddoc)](https://github.com/akulasainath/18frepo/blob/master/18F%20Evidence/User%20Centered%20Design%20Evidence/Exhibit%206.1_HeuristicEvaluationResults.docx)