



Alfridge

Problem & Solution Overview

Problem

Young busy single adults waste time and food through unnecessary or forgotten interactions with the refrigerator.

Solution

Alfridge is a seamless connected device experience between a compartmentalized smart refrigerator and a mobile application.



Interactive Prototype Work Division

Brian Lam: Focusing on mobile application “grocery lists” task.

Diane Wang: High-fidelity mockups (Illustrator), creating and integrating aesthetic elements. Focusing on homepage for programming.

Loretta Chan: Creating backend navigation of mobile application, focusing on “defrosting” task and individual compartment views.

Peuan Thinsan: Focusing on mobile application “items” task, also helping with the simulator

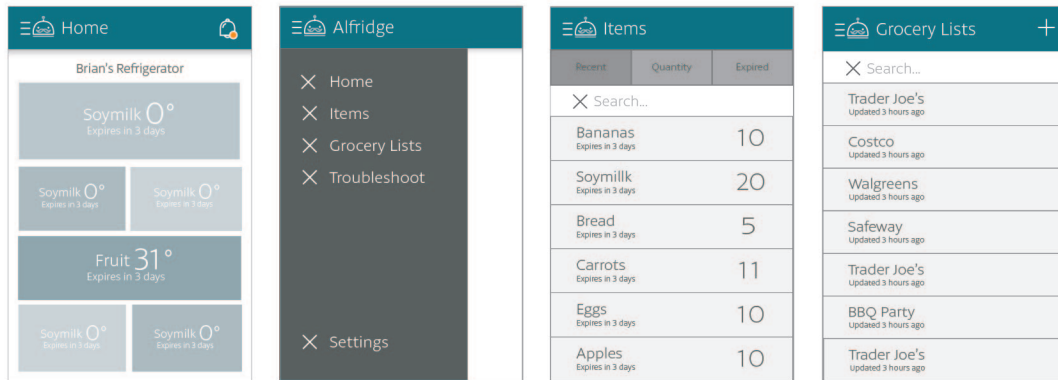
Steven Valentino: Focusing on the simulator, ways to represent data and cross-device communication

We will all be working on the report & presentation together.

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What We Have So Far

High-Fidelity Mockups



Code

Our code is on github! (github.com/cs160LizardSquad/alfridge)

Mobile application: created home page that displays different compartments of the fridge. Implemented the side menu and tab bar.

Simulator: Compartment buttons and temperature inputs for sensing objects in the refrigerator.