

# MyPantry

Eric Huang, Eric Yu, Gavin Aguinaga,  
Marianna Marcelline



## Abstract

MyPantry serves as a means to destigmatize the use of pantries. It builds a community around pantry users and organizers while serving as a tool to provide pantry information as efficiently as possible.

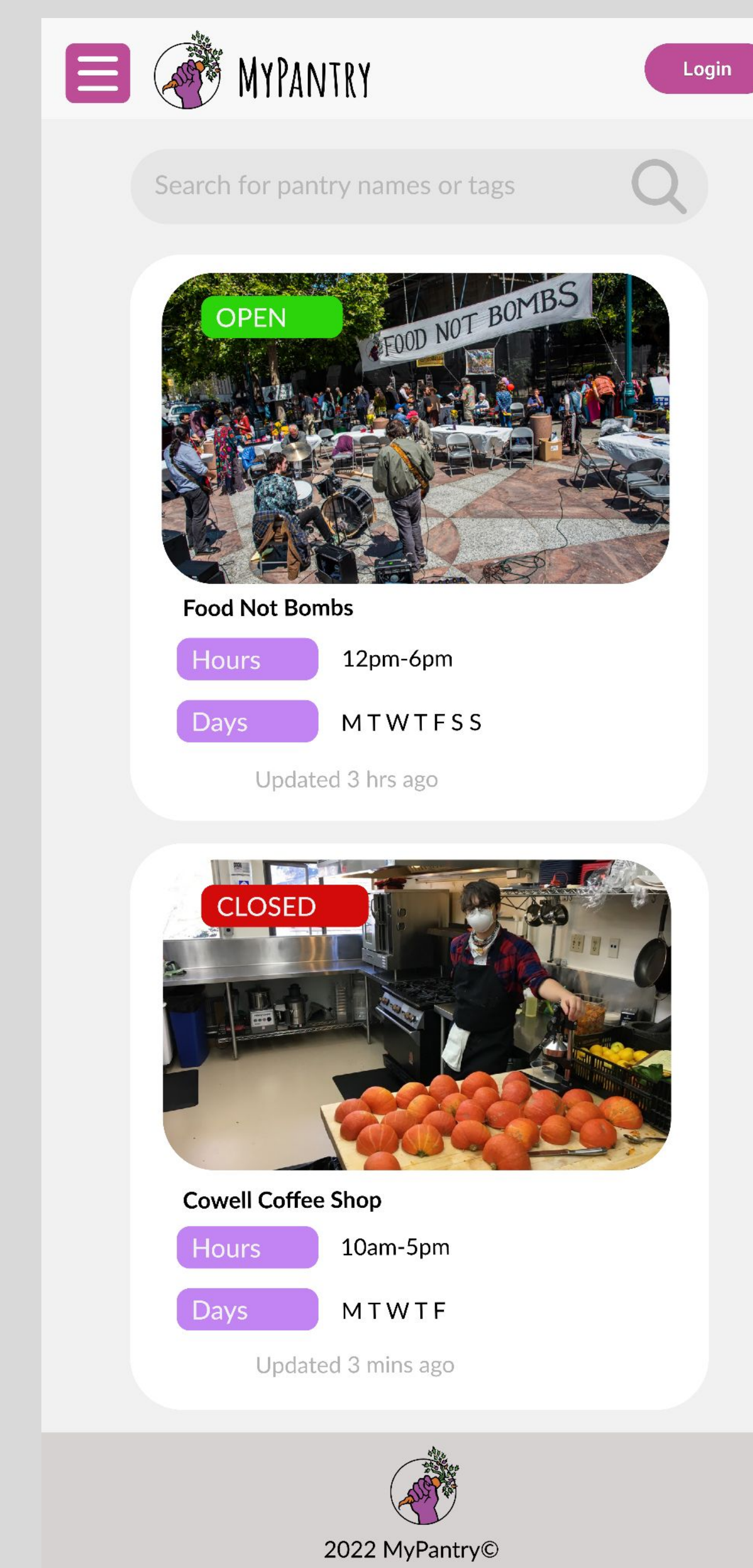
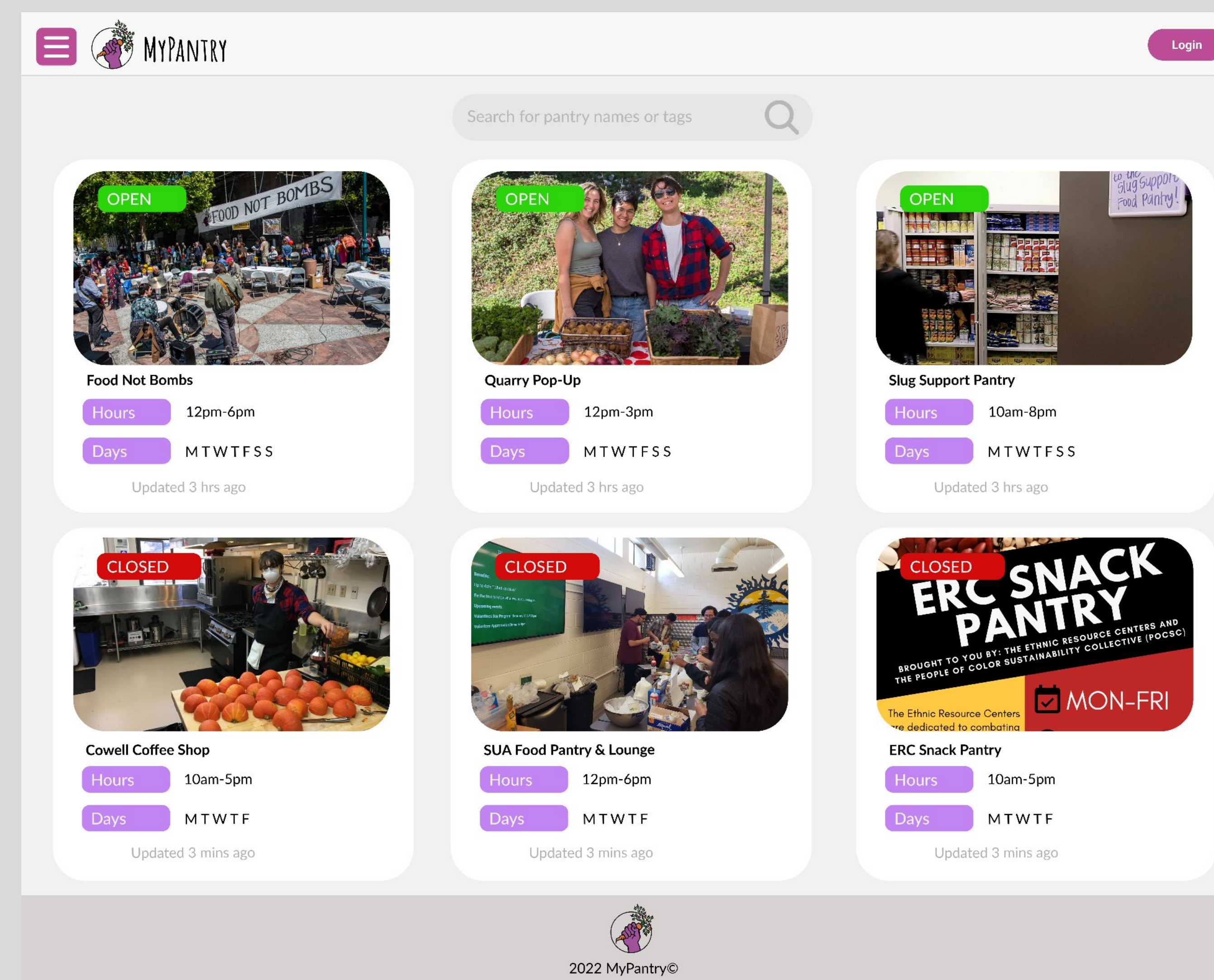
## Approach

- Initial plan was to have pantry organizers and volunteers to manage their respective pantry pages; however pantries are extremely understaffed and the organizers were not willing to have volunteers do more than their present workload.
- Our solution to this problem is to crowdsource current information such as pantry inventory through pantry users. Users would provide tags to describe their experience with a specific pantry such as a popular stock item.
- Students are often moving around between their classes and jobs with little time to spare. As a result, we aim to be as efficient as possible by providing only necessary information upon loadup such as opening hours.

## Overview

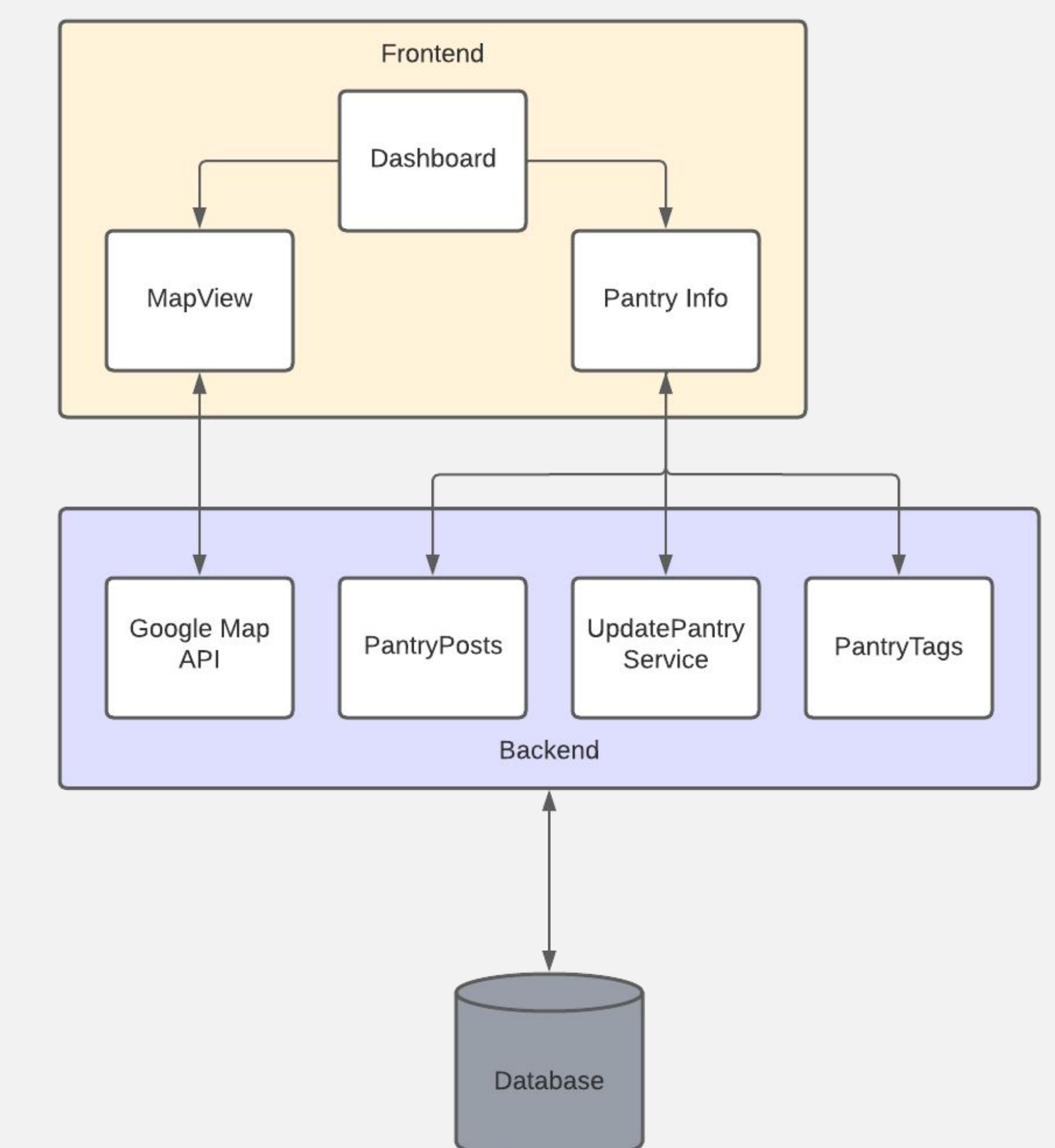
Currently, there is no stable medium to serve as a hub between food pantries and their users. MyPantry's goal is to build relationships between pantries and their current and potential users by providing accessible updates and information, bridging the gap between available food assistance and qualified users.

## Features



- A tagging system used to categorize pantries with popular stock items.
- A posting forum that allows pantry users and organizers to communicate and foster a community.
- A interactable and simple UI designed for efficiency and upgradability.

## Architecture



## Conclusion

MyPantry is built to be scalable (easy to increase scope of operations) and extendable (easy to add features). Future goals of the web application include fine tuning the tagging system by adding a ranking algorithm, and implementing a feed filtering system to display user preferred information.

## Acknowledgments

Many thanks to the IDEASS team:  
Kai O' Brian, Grisha Khachatryan and  
Tamara Ball  
As well as our great teaching staff:  
Richard Jullig and Aidan Smith