

# Grocery Spending Tracker

by JARS

## Features

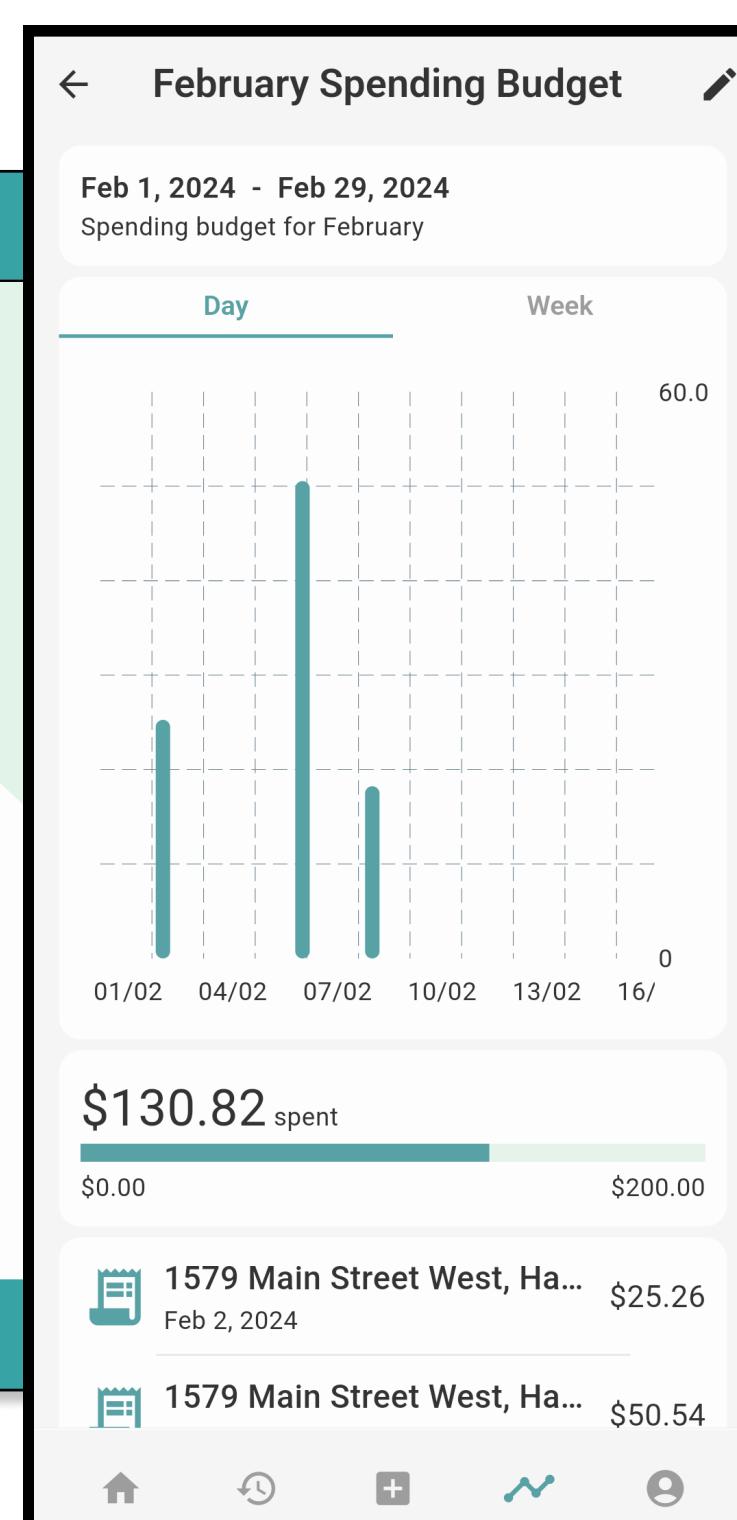
### Receipt Capture

Simply take or upload a picture of a receipt and let our optical character recognition handle the parsing and extraction of data.



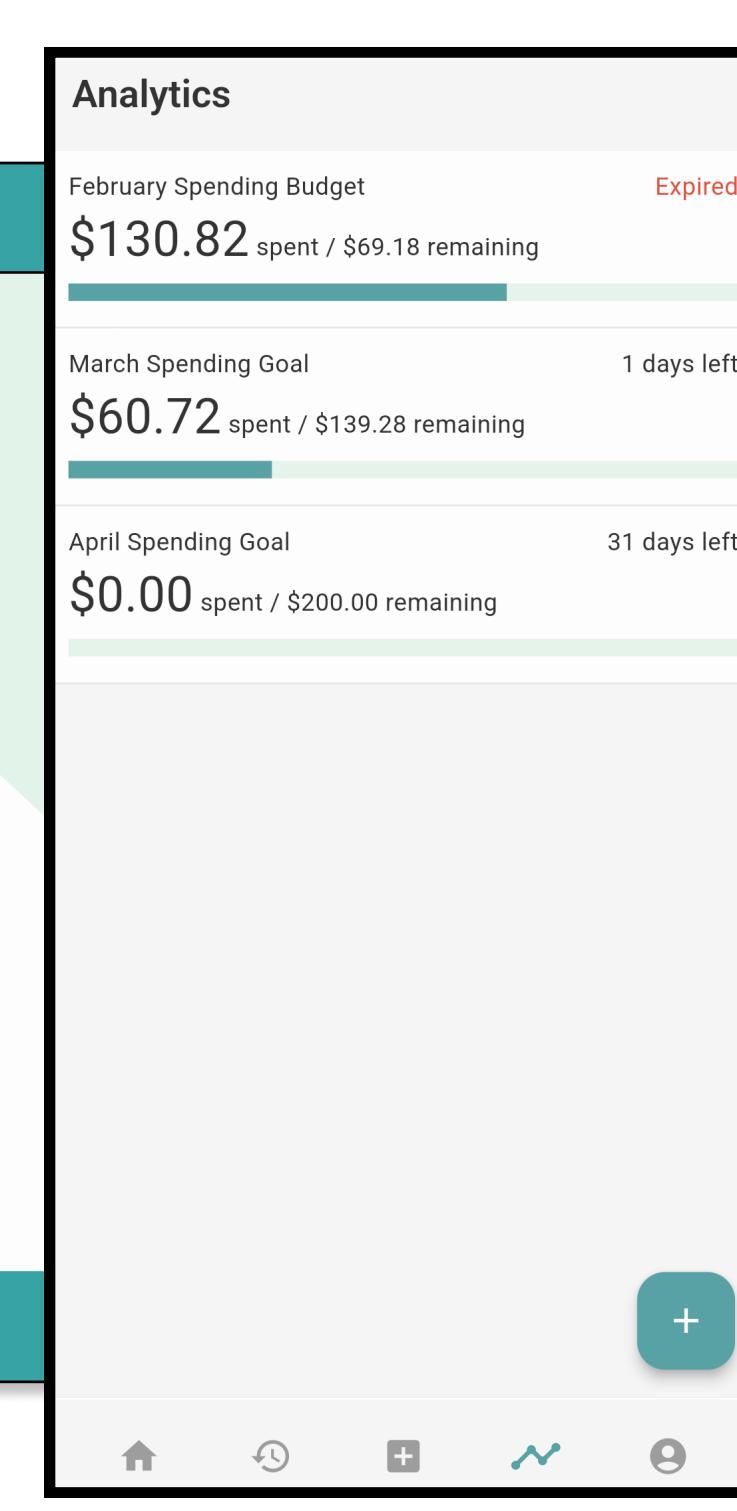
### Purchase Analytics

View graphs created with your purchase history to track your spending over time.



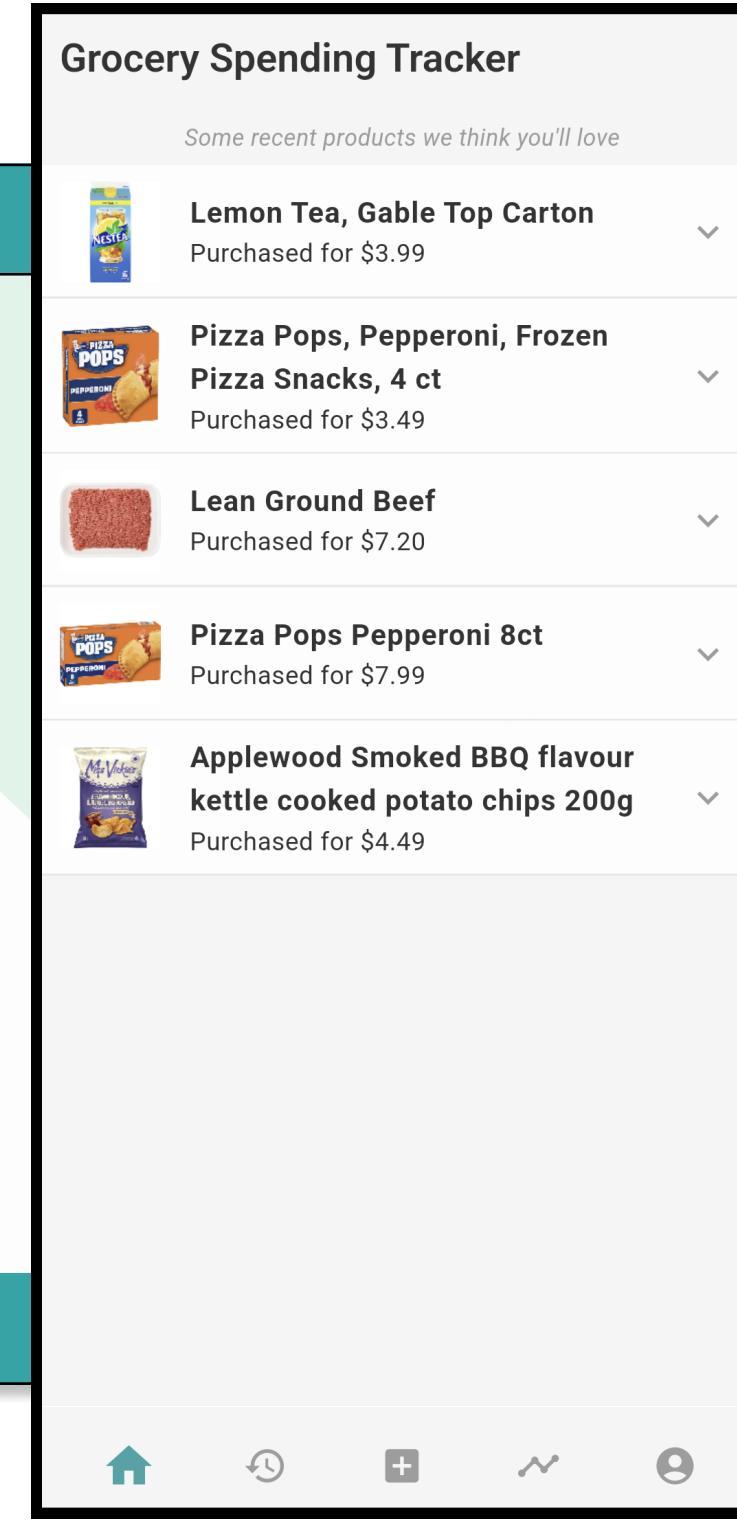
### Goals

Set spending goals to help you stay within budget for your groceries.



### Recommendations

Get alternative product recommendations based on your purchase history and purchases made by other users.



## Project Motivation

- Help lower income households overcome record grocery inflation by giving users more insight on their personal grocery spending
- Provide users with more clarity regarding predatory grocery store pricing trends



## Project Objectives

- Allow users to track grocery spending via photos of receipts
- Track and analyze personal spending trends
- Utilize receipts from other users to recommend cheaper alternatives based on the user's purchase history

## The Team

Jason Nam  
DEVELOPER



Allan Fang  
DEVELOPER



Ryan Yeh  
DEVELOPER



Sawyer Tang  
DEVELOPER

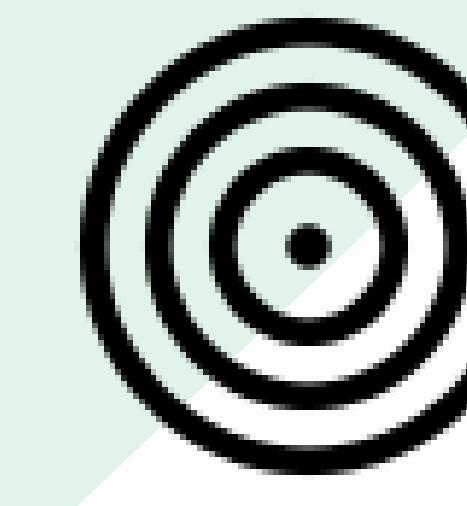


## Tech Stack



## Technical Achievements

### Capture Accuracy



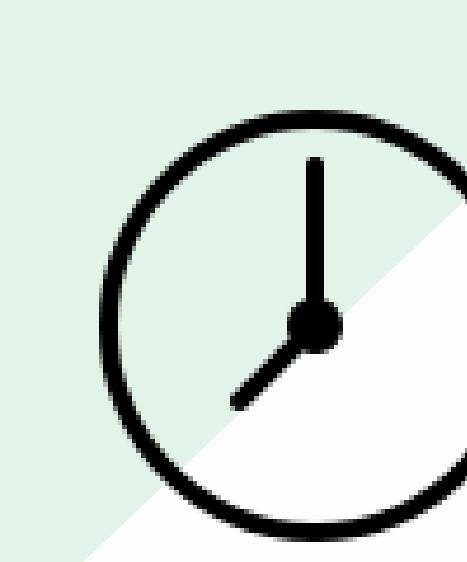
The application is very robust and has achieved over 90% receipt capture accuracy from testing in different environments.

### Dynamic Classification



Based on the limited product info on the receipt, the app can find the full product data for new and existing products in our database.

### Ease of Use



During usability tests, new users are able to get a handle of the application's core functions within 15 minutes.