

# ElimiWaste:

## A Novel App to Reduce Food Waste

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# Overview

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# 01

## Motivation



# Food Waste in Household



01

Confusion over  
nomenclature



02

Bad Shopping Habits



03

Insufficient Planning + Storage



# Potential Users



**Households**

From regular grocery shopping



**Small businesses**

That require storage of shelf lives



# 02

## Competitors



# Competitors



**MyFridge**

- Keeps track of refrigerated foods
- No way to manually type items
- Bad reviews
- **Cost:** \$25



**Beep**

- Lets user track food expiration dates
- Has a **barcode scanner** to enter items
- Bugs regarding expiration date



**NoWaste**

- Very similar to our app - for refrigerated food items
- User has to manually **enter the expiration date**
- **Cost:** \$5.99 per year



03

App

Architecture





# Minimum Viable Product

Users can manually enter food item info



App determines average food shelf life



MVP



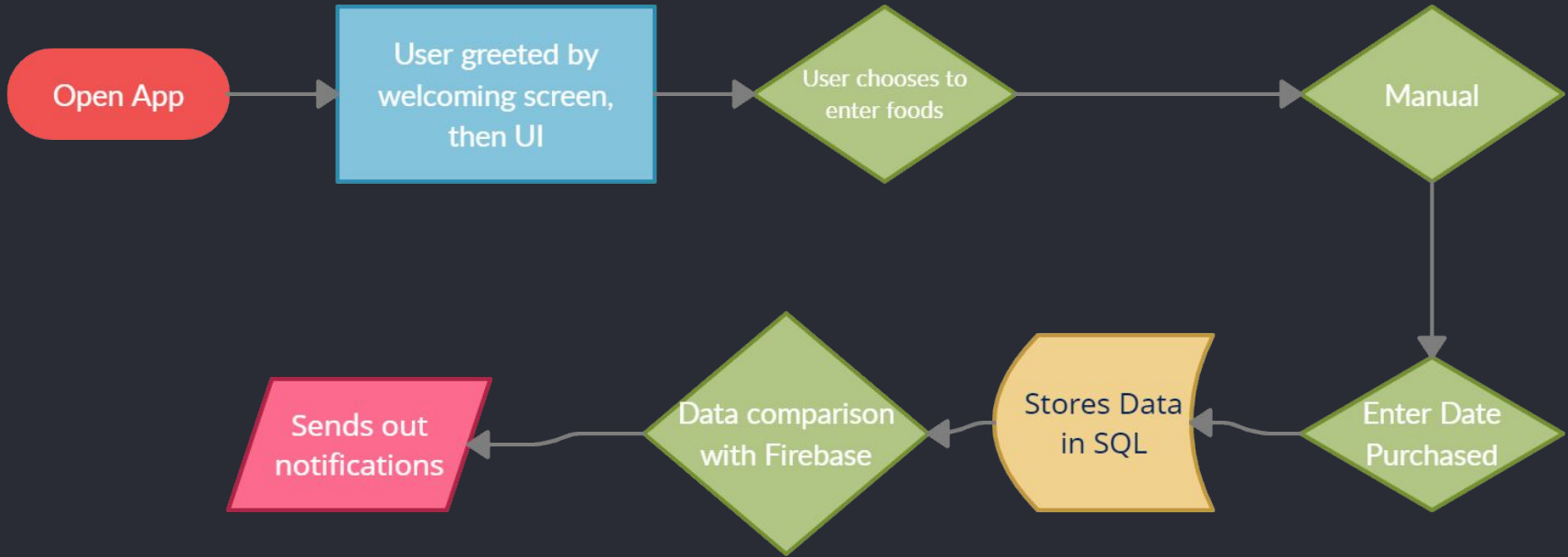
User can verify and edit expiration date



Notify users at half-life/2 days before expiry.



# Flowchart

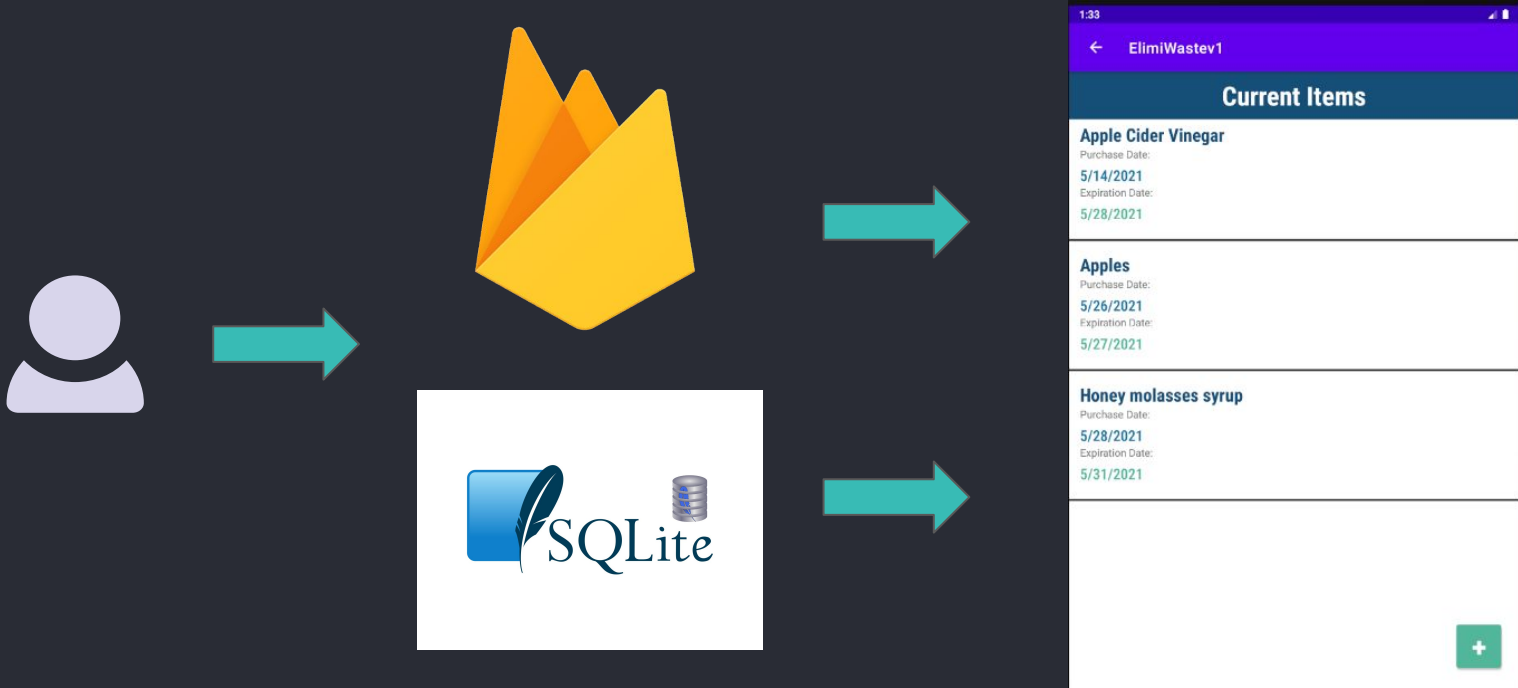


# 04

## Algorithm



# Data Model



05

Demonstration



# ElimiWaste in Action



# 06

## Future

## Extensions



# Future Extensions

1. Making Manual Entry simpler
  - a. OCR Scanner for barcode and receipts
2. Expanding our database
3. Categorizing food entries
4. Creating a “Food Waste Score”
  - a. Motivates users to try to save food more





THANK YOU!

QUESTIONS?

