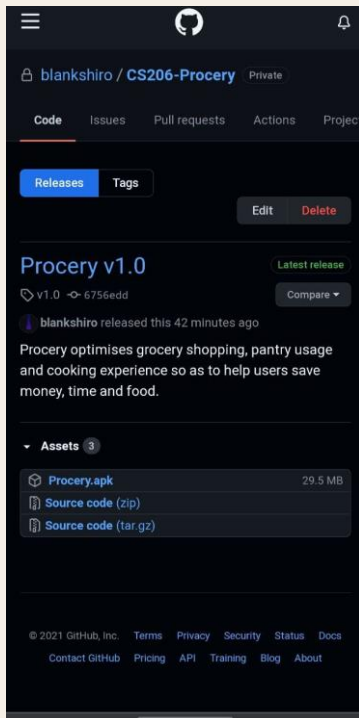# PROCERY

Team Procery
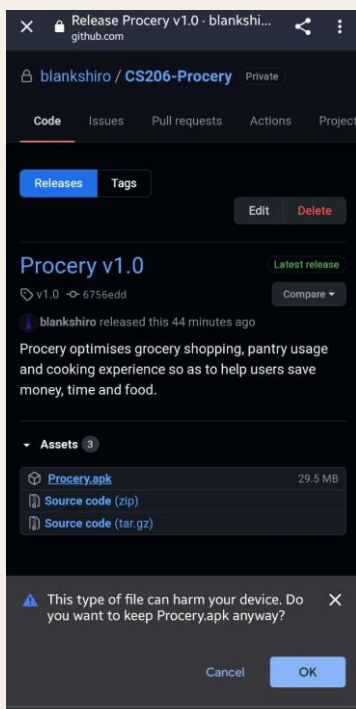# User Manual

Installation Guide

PRE-REQUISITES
**For Android Phone with Android 8.0 Oreo and later**

1. Download Procery from our [Github](#) page.

2. Download Procery.apk file. Android might prompt you "This type of file can harm your device. Do you want to keep Procery.apk anyway?". Click Ok.

3. You can either navigate to your Download folder using your phone's file browser app or simply begin the install by clicking on the downloaded Procery.apk file on your mobile browser.
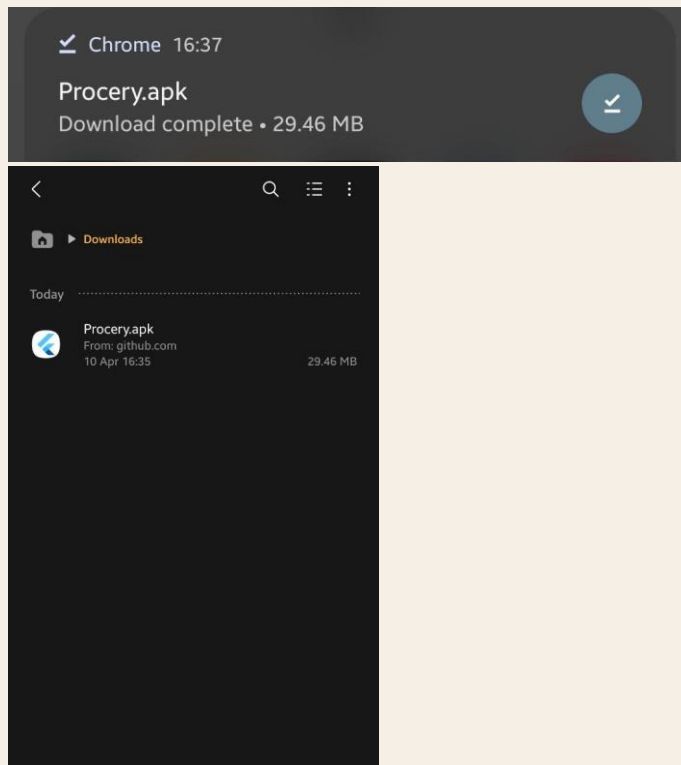
4. Android will prompt "Do you want to install this application?". Click Install.
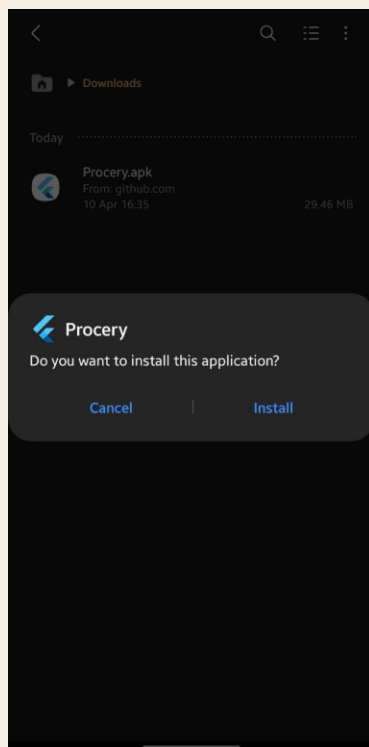
5. At this point, Procery app should safely install.
6. Navigate to the Procery app and tap the Procery icon to launch the app.
7. For first time users, please click on "Reset Application Data" in order for the app to load the necessary sample data for the app functionality.
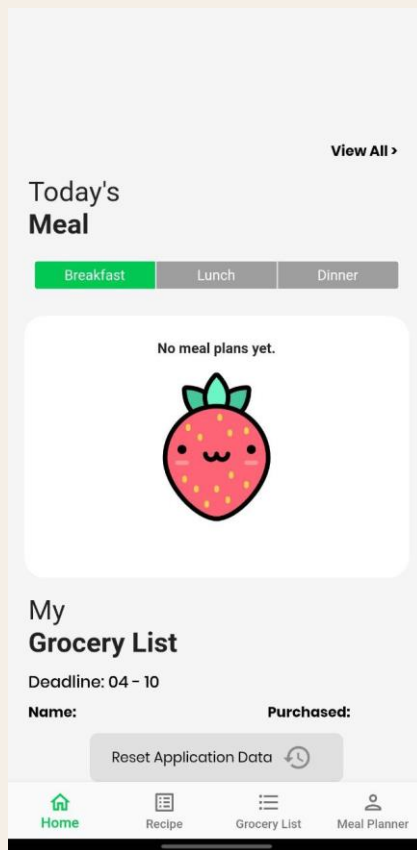
8. In the future, to wipe all app data and reset back to the initial state with only sample data, please click on the "Reset Application Data"

For Android Emulator

1. Download Procery from our [Github](#) page.
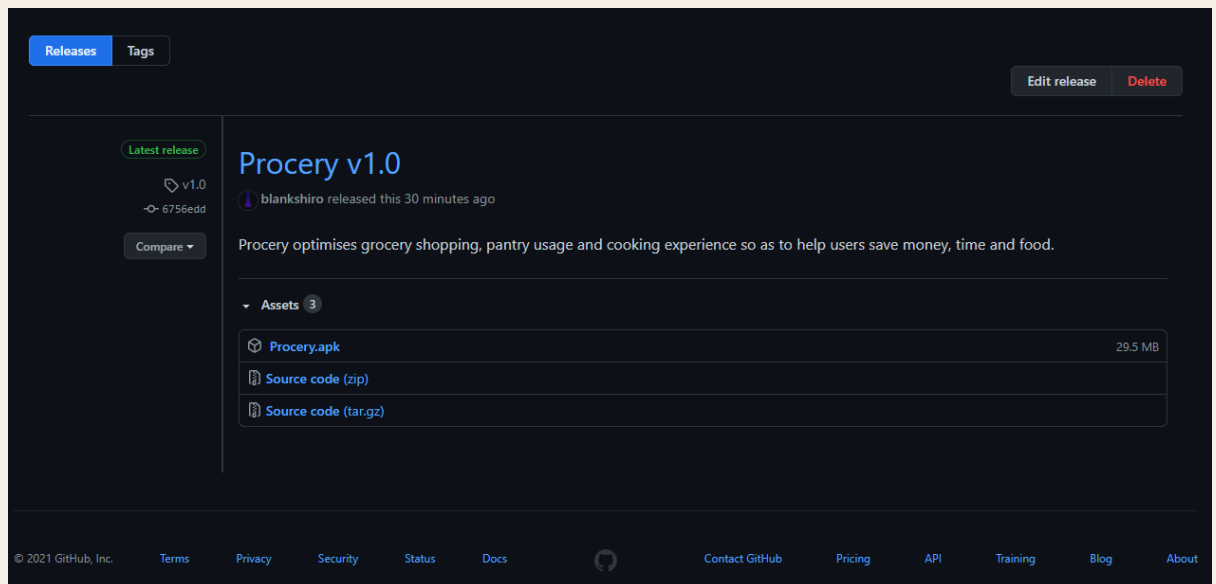
2. Download Procery.apk file.
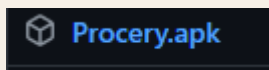
3. Start your android emulator.

4. Navigate to your Downloads folder and simply drag the downloaded apk file into your android emulator.

Name	Date modified	Type	Size
⌄ Today (1)			
📄 Procery.apk	4/10/2021 4:26 PM	APK File	30,163 KB

5. The Android emulator might ask you to grant permissions to install the app. Grant the permission.

6. At this point, Procery should safely install.
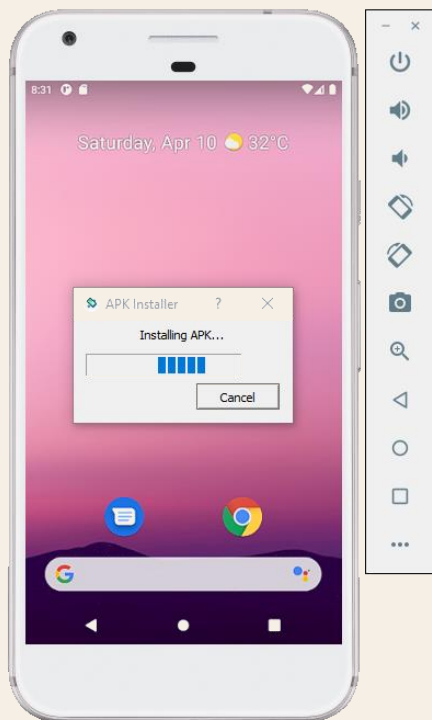
7. Navigate to the Procery app and tap the Procery icon to launch the app.

8. For first time users, please click on "Reset Application Data" in order for the app to load the necessary sample data for the app functionality.
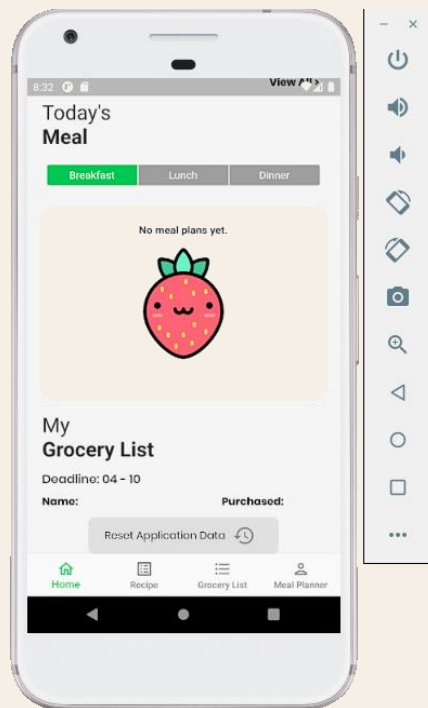

9. In the future, to wipe all app data and reset back to the initial state with only sample data, please click on "Reset Application Data".
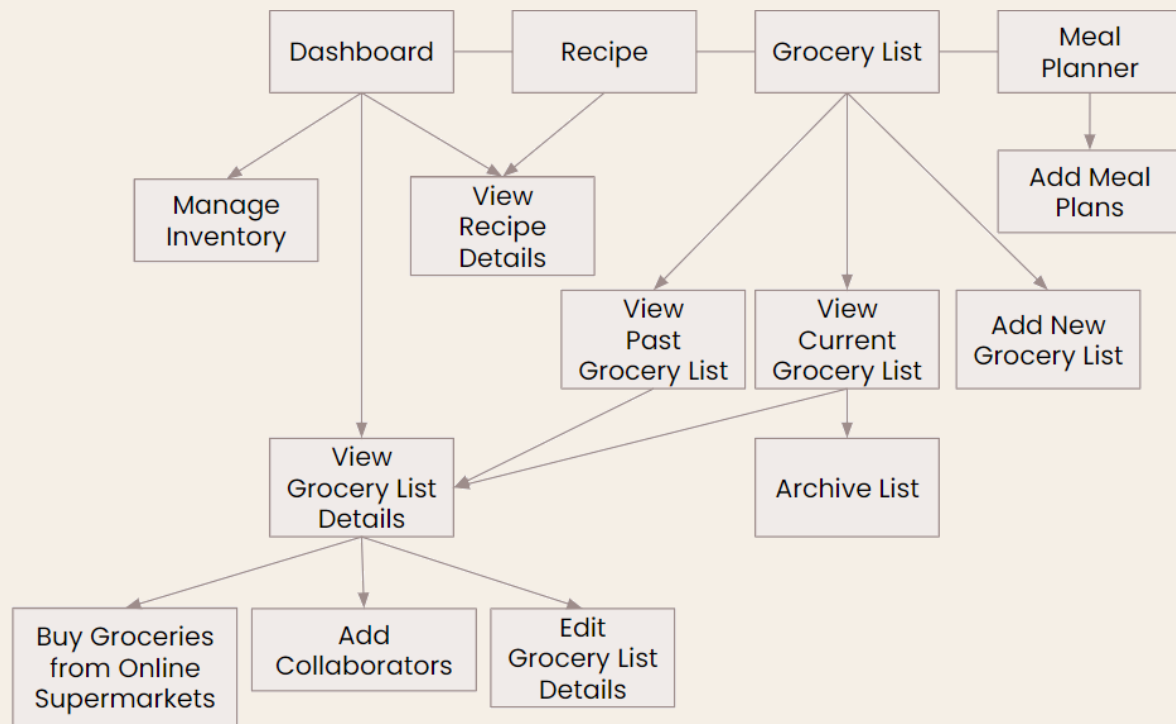
Assumptions

For our prototype we have limited the scope in these few areas to meet the short development time frame.

There will only be 5 possible ingredients - Egg, Milk, Chocolate, Flour and Butter. All recipes have been provided and limited to these 5 ingredients, hence it is mainly focused on baking recipes. Users would not be able to add new ingredients and recipes at the current version. We plan to expand the scope of ingredients and recipes in future iterations.

Purchasing of ingredients and the consumption of ingredients have to be updated manually by the user. In the future, we plan to partner with online grocery applications to automate the purchasing process.

Optimisation of the ingredients to be purchased will be based on the desired purchase quantity of the open grocery lists. This follows our app's aim to help users to maximise their usage of the standard quantities of the ingredients they are planning to purchase by suggesting recipes which make use of the "remainders".

Navigation Diagram

```
[Dashboard] ── [Recipe] ── [Grocery List] ── [Meal Planner]
                                                      │
                                                      ▼
                                              [Add Meal Plans]

[Dashboard] ──► [Manage Inventory]
[Dashboard] ──► [View Recipe Details]
[Recipe] ──► [View Recipe Details]

[Grocery List] ──► [View Past Grocery List]
[Grocery List] ──► [View Current Grocery List]
[Grocery List] ──► [Add New Grocery List]

[Dashboard] ──► [View Grocery List Details]
[View Past Grocery List] ──► [View Grocery List Details]
[View Current Grocery List] ──► [Archive List]

[View Grocery List Details] ──► [Buy Groceries from Online Supermarkets]
[View Grocery List Details] ──► [Add Collaborators]
[View Grocery List Details] ──► [Edit Grocery List Details]
```
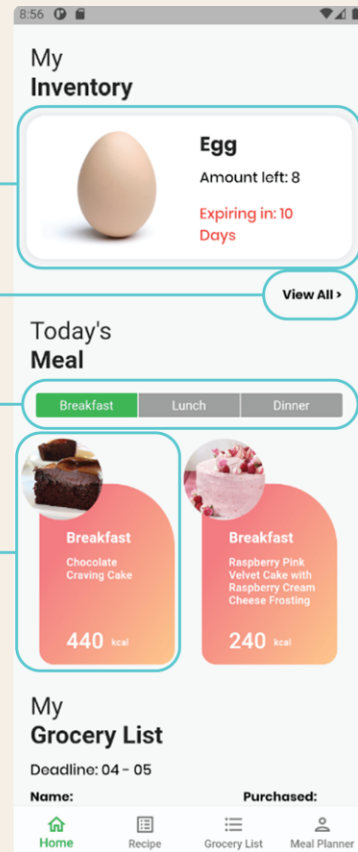
Specifications per screen

1. Dashboard

View upcoming expiry dates

View inventory

See the Meal plan for the day

Click to view recipe
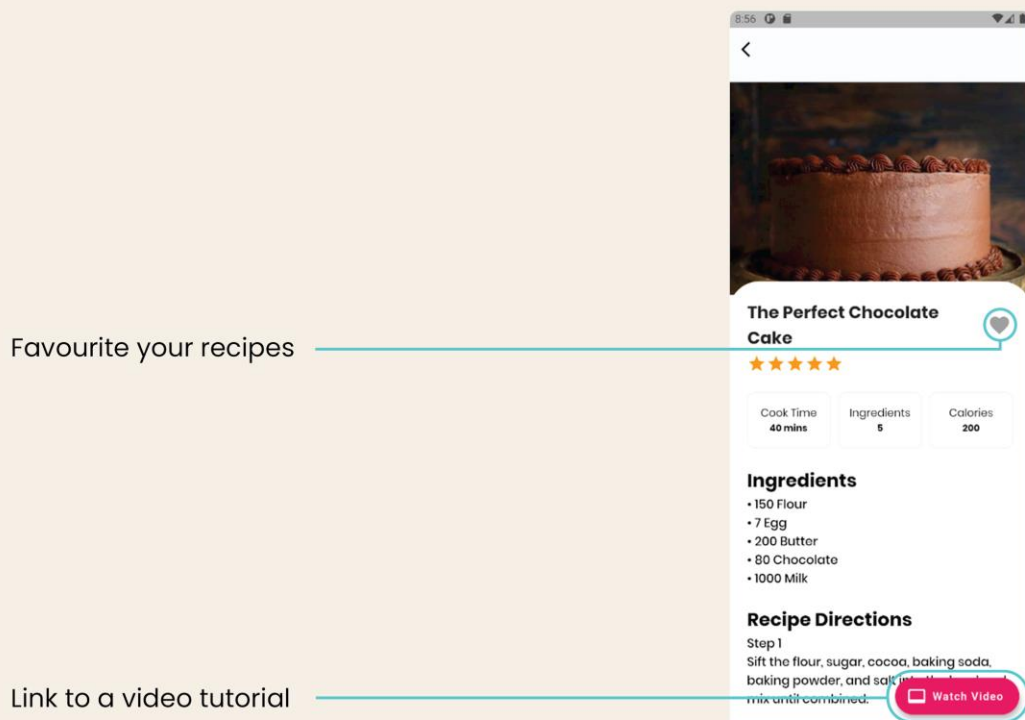
2. Recipes

Search for recipes

Filter for food categories

Click to see more details on the recipe

Favourite recipe

2.1 Recipe Details

Favourite your recipes

Link to a video tutorial
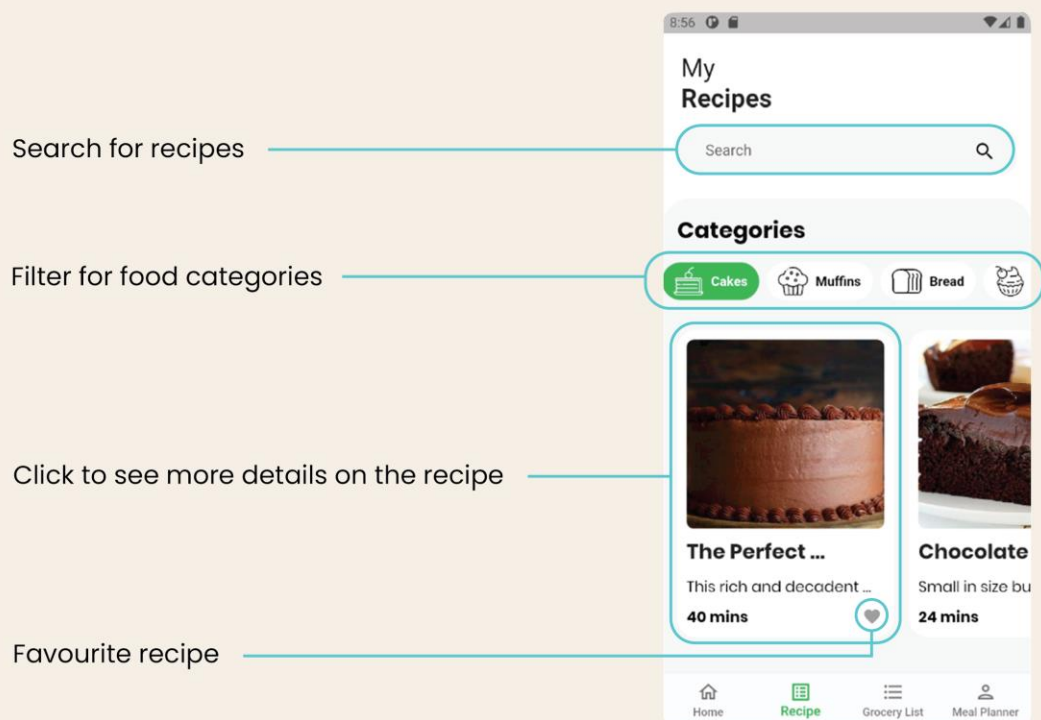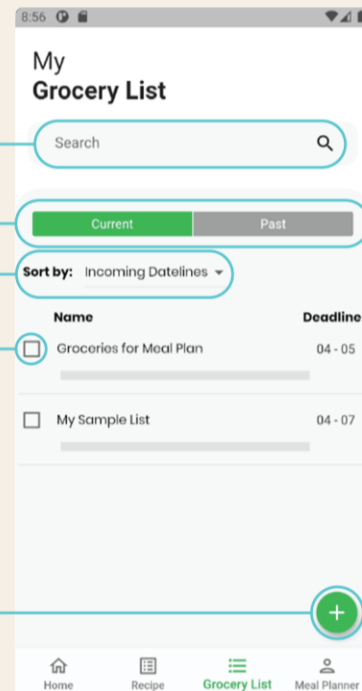
3. Grocery List

Search for Grocery Lists

Look at Current or Past Lists

Sort by:
 - Incoming Deadlines
 - Most Groceries
 - Best Progress

Check for completion of lists

Create new list

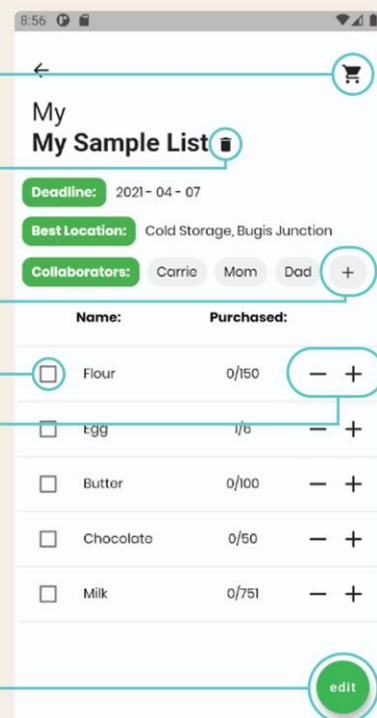## 3.1 Grocery List - Single List Details

Purchase groceries online

Delete list

Add collaborators

Check off your item once its all purchased

Take note of what you've purchased

Edit list

3.2 Grocery List Edit Page

Select a deadline

Select Recipe to add items to the list

Add an item to the list

Delete item from the list

Edit the amount of quantity to purchase

My
My Sample List

Name: My Sample List

Date: 2021 - 04 - 07

Add from Recipe | Add Item

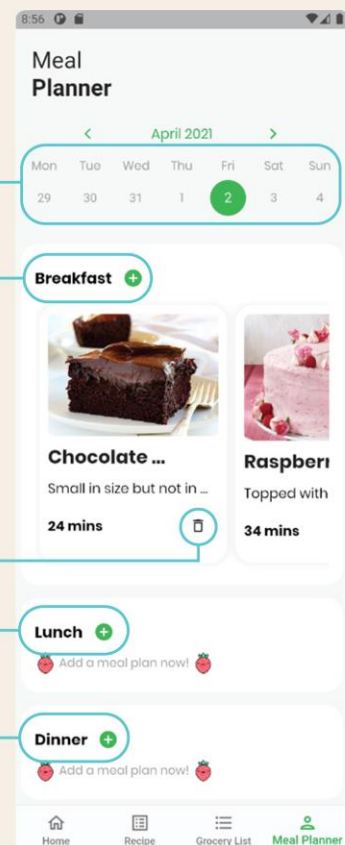|	Name:	toBuy:	
🗑	Flour	150	− +
🗑	Egg	6	− +
🗑	Butter	100	− +
🗑	Chocolate	50	− +
🗑	Milk	751	− +

4. Meal Planner

Pick a Date to plan your meal

Add Recipe for Breakfast

Delete a Recipe

Add Recipe for Lunch

Add Recipe for Dinner

4.1 Meal Planner Select Recipe Page

View Recipes Recommended based on Inventory

Add Recipe to Meal Plan

View Favourite Recipes