

PocketAlchemy Product Overview - v0.1.alpha

Cody J. Weaver

Dec. 31th 2023

1 v1.1.alpha Product Overview

Version 0.1.alpha is the second named version of PocketAlchemy. This document looks to give an overview of this project as of Dec. 30th 2023 and provide general documentation and notes about PocketAlchemy.

PocketAlchemy v0.1.alpha encapsulates some major design decisions. First I choose to use Firebase's Authentication and Firestore products. This required setting up a Firebase project which can be found [here](#). Currently, PocketAlchemy can be used in the following way:

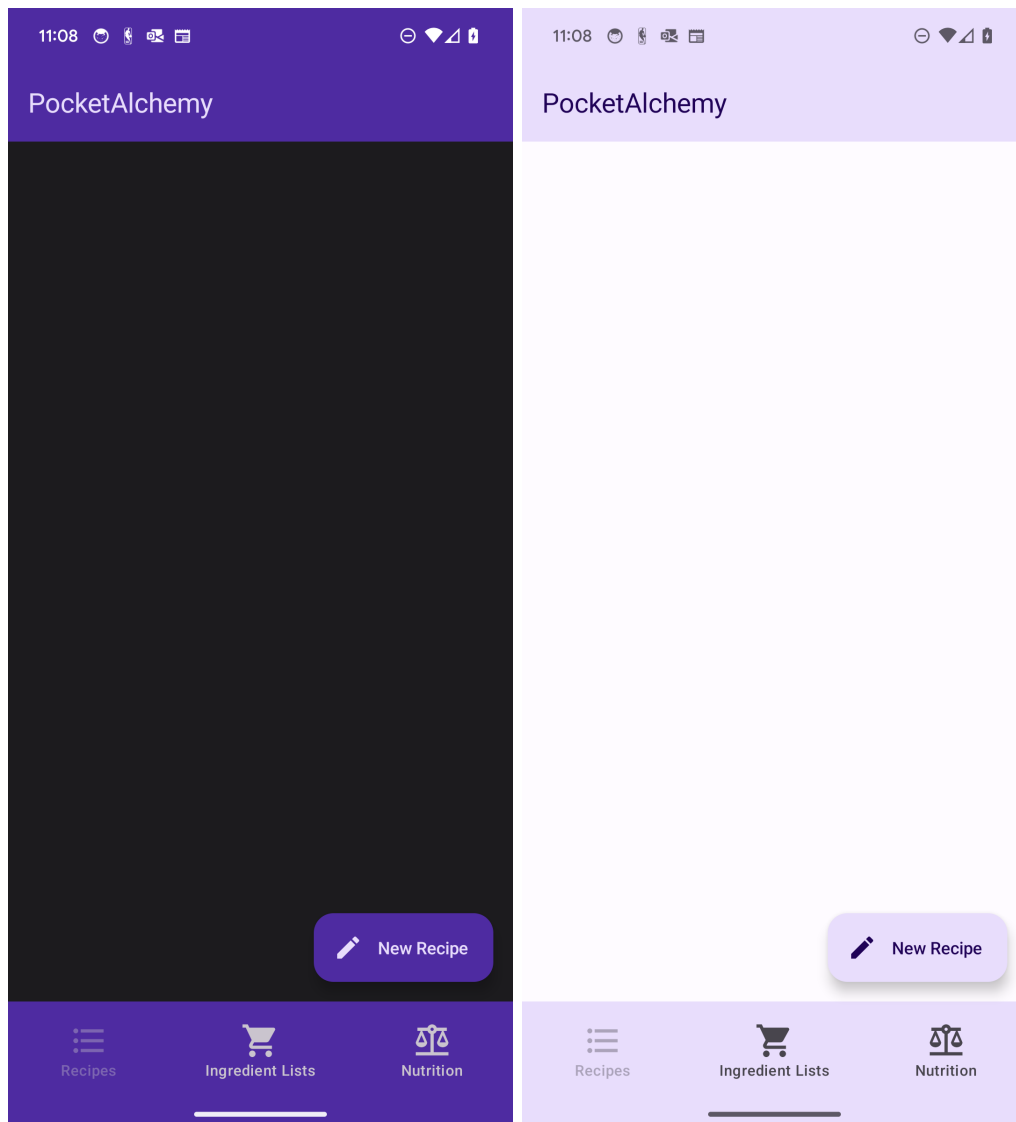
- User can log in as a guest to PocketAlchemy. Logging in as a guest will allow a user's data to persist until the user either clears internal storage or uninstalls the app which will result in logging in as different user anonymously the next time they log in on that given device, in effect, resetting their data. See § 2.1 for a look at the login screen.
- After logging in, user is presented with a list of their recipes. The recipe list screen offers a button that will launch the creation of a new recipe. Clicking on an individual recipe on the list will launch a screen that allows the user to edit the recipe. See §§ 2.2-2.5 for screenshots of the recipe list view, and the edit recipe view.

2 Screenshots

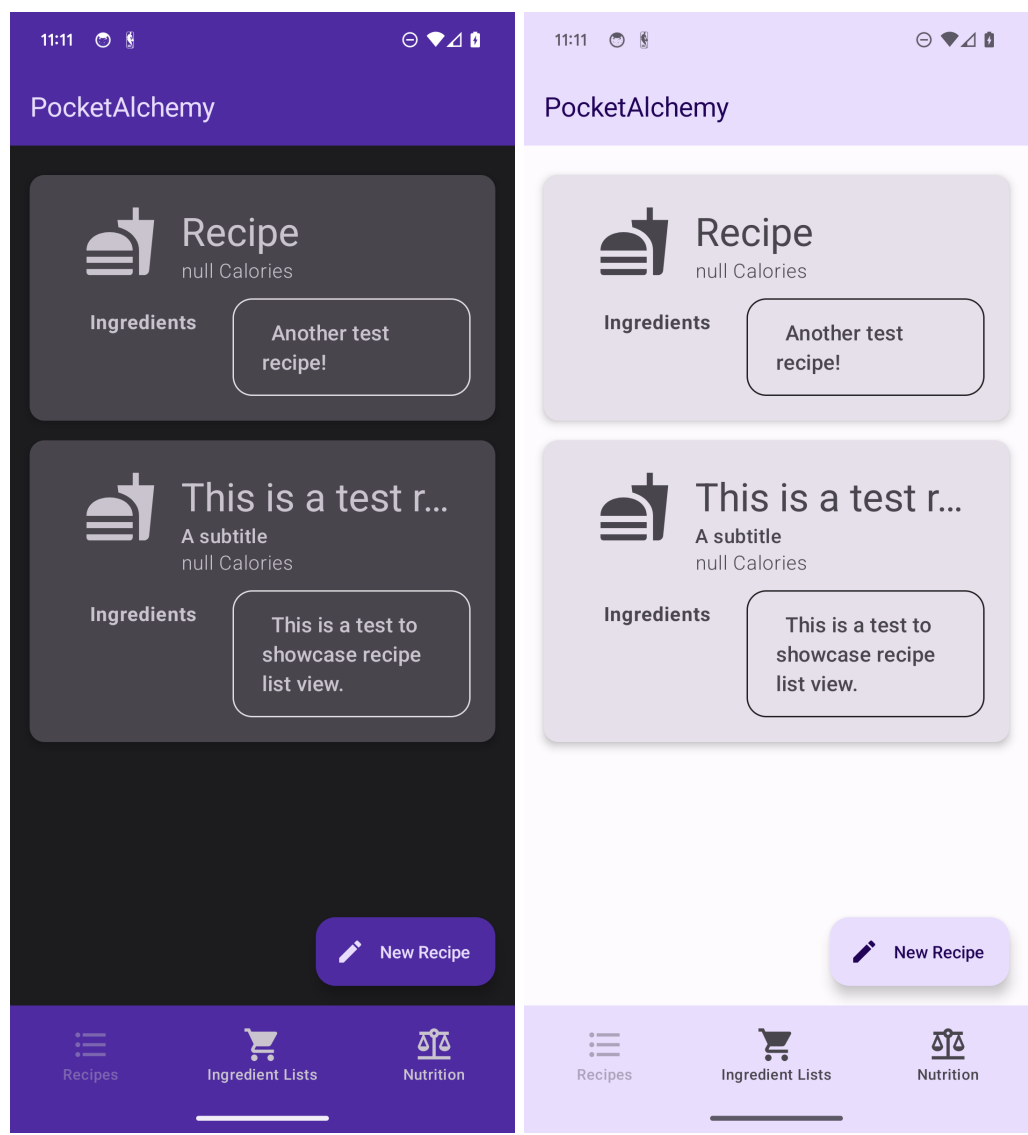
2.1 Login Screen



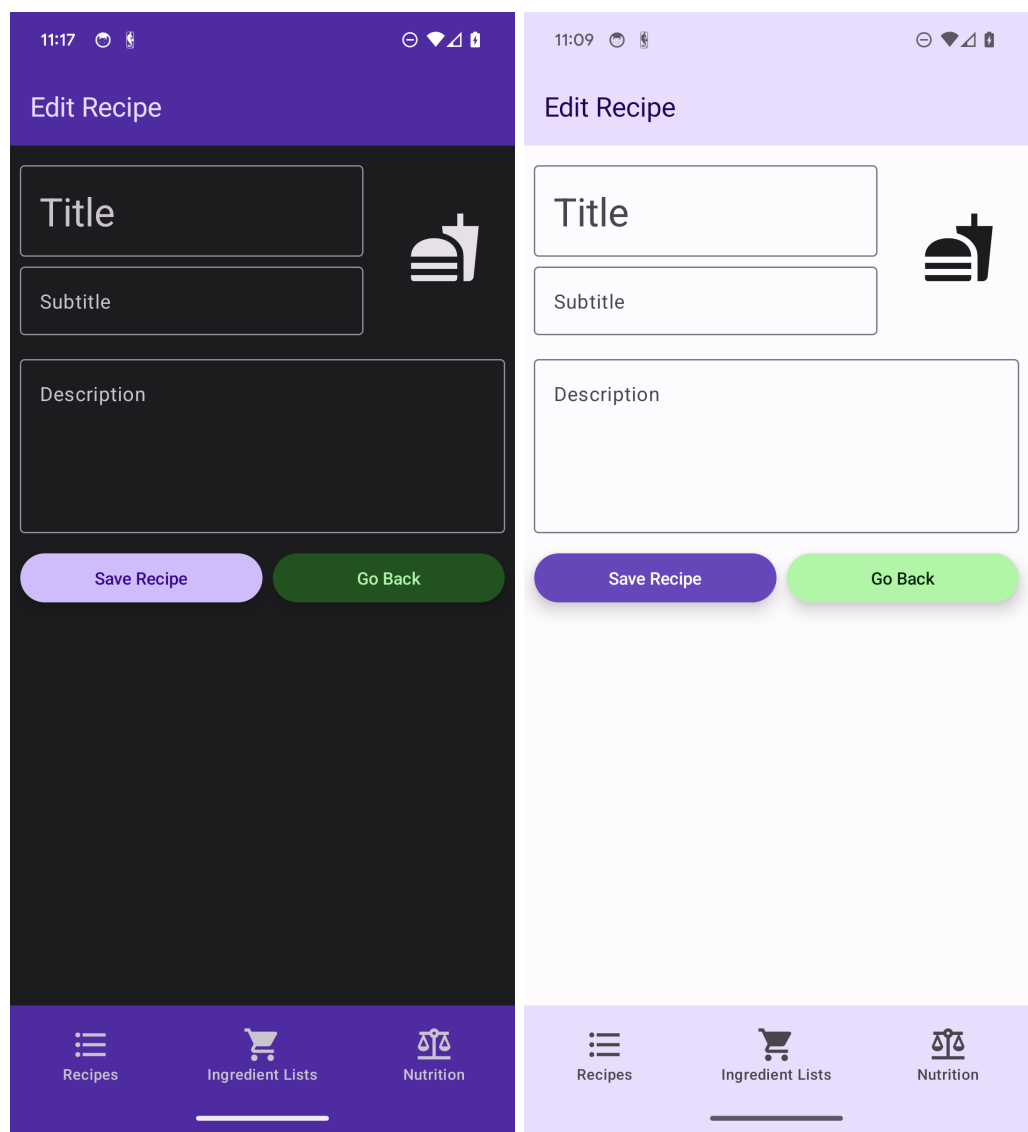
2.2 Recipe List (Empty)



2.3 Recipe List



2.4 New Recipe



2.5 Edit Recipe

The image displays two side-by-side mobile application screenshots of the 'Edit Recipe' screen, illustrating a theme change from dark to light.

Left Screenshot (Dark Theme):

- Header:** 'Edit Recipe' in white text on a dark purple background.
- Title Field:** Labeled 'Title', containing the text 'This is a test recipe.' with a white border.
- Subtitle Field:** Labeled 'Subtitle', containing the text 'A subtitle' with a white border.
- Description Field:** Labeled 'Description', containing the text 'This is a test to showcase recipe list view.' with a white border.
- Icon:** A white icon of a chef's hat on a stand is positioned to the right of the subtitle field.
- Buttons:** Two rounded buttons are at the bottom: 'Save Recipe' (dark purple) and 'Go Back' (dark green).
- Bottom Bar:** A dark purple bar with three white icons and labels: 'Recipes' (list icon), 'Ingredient Lists' (shopping cart icon), and 'Nutrition' (scales icon).

Right Screenshot (Light Theme):

- Header:** 'Edit Recipe' in dark purple text on a light purple background.
- Title Field:** Labeled 'Title', containing the text 'This is a test recipe.' with a dark purple border.
- Subtitle Field:** Labeled 'Subtitle', containing the text 'A subtitle' with a dark purple border.
- Description Field:** Labeled 'Description', containing the text 'This is a test to showcase recipe list view.' with a dark purple border.
- Icon:** A dark purple icon of a chef's hat on a stand is positioned to the right of the subtitle field.
- Buttons:** Two rounded buttons are at the bottom: 'Save Recipe' (dark purple) and 'Go Back' (light green).
- Bottom Bar:** A light purple bar with three dark purple icons and labels: 'Recipes' (list icon), 'Ingredient Lists' (shopping cart icon), and 'Nutrition' (scales icon).