AppDev2 Final Report

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# Project Aim and Description

The Grocer Guide app is a grocery list manager app. The goal for the application is for a user to have access to a comfortable, simple, and useful application that allows the user to organize stores, items, lists of items and recipes as they wish. The app starts by allowing the user to either login or register and then sends them to the home page, where they can create and manage items and lists used to keep track of what they need to buy. There are multiple tabs on a navigation bar at the bottom of the screen. The first tab displays the individual items that the user created, each containing a price, name, and category. The next tab shows the various lists of items that the user may have created, adding a name and category to the list and total cost, the last of which is automatically updated according to the items inside the list. The next tab after is the recipes tab, which on top of lists, adds instructions, a description, and an image to the specific lists. After we have the stores tab, in which are displayed the stores the user may have saved, the stores containing a name and a list of items. Finally, there’s the settings page, where a user can see their profile and customize the color theme of the application to their preference.

With this the user has access to a quick and efficient way to have all their information in terms of grocery shopping, all at their fingertips.

# Functional and non-Functional requirements

## Functional requirements:

* User should have access to CRUD functionality for Items, Item Lists, Recipes and Stores
* User should have access to Authentication from the Login Page
* User should have access to Registration from the Registration Page
* User should be prompted with an error message explaining why the Authentication failed, meaning appropriate error handling for the Login and Registration pages
* User should be able to Sign Out of the application
* User should be able to customize the theme of the application with the use of a Color Theme Picker

## Non-Functional requirements:

* Pages should update seamlessly and automatically
* System should implement Firebase for communication, querying and displaying of data
* All writing should be clear and easy to read

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* Cart system
* Notifications
* Home page

# User Stories

Sdaf

# Test Cases

# Individuals role and responsibilities

## James

## Leonella

## Daniel

My responsibilities lied mainly in feature creation.

I worked on the settings page, more specifically the color picker. I also worked on the recipes page, where I added the Add Recipe feature, and implemented all the needed fields. Also, when selecting a list to choose from for the recipe, I made sure the Add List feature was implemented there. Even deeper down, when adding a list and selecting the items for it, I made sure the Add item feature was there as well.