UNIVERSITI MALAYSIA TERENGGANU

Faculty of Computer Sciences and Mathematics

Front-End Programming

CSM3103

Individual Project Report

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1. Introduction

"My Cookbook" is a mobile application designed to work as a recipe management tool which is tailored for each user. It offers users the opportunity of bringing all their favourites together under one roof, from various sources, in order to have an efficient collection. The application enables user to categorize and customize the recipes and hence the users are benefited by advancing their culinary exploration through organized recipe management.

2. Problem Statements

- Scattered recipe collections

  Lots of people are coming up with recipes by utilizing various web pages, cookbooks, and hand-written recipes. This results in a clutter and a scattering of one's collection, thus it becomes a challenging task to retrieve that specific recipe in a situation when it was needed. The old way of storing the recipe is not usually available with decent searching and organization mechanism.

- Difficulty finding specific recipes

  Finding a recipe among a large and unstructured collection of recipes could be time-wasting and very discouraging. Without a well-designed search system that lets users find a specific recipe easily, or a clear way to organize recipes, especially if users have only few keywords or remember some ingredients, they might have trouble finding the specified recipe.

- Limited recipe personalization

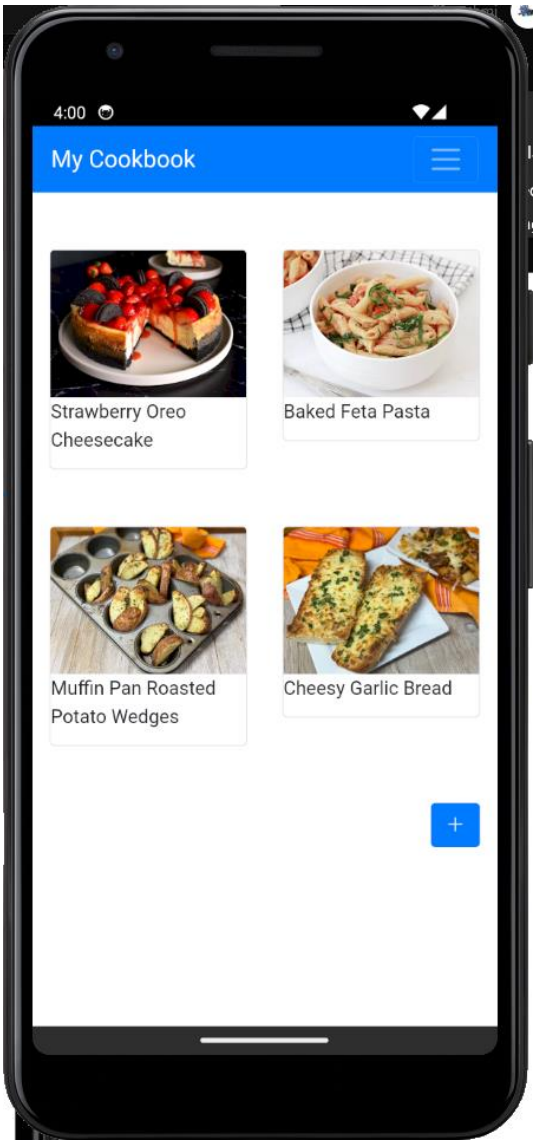
  Traditional recipe formats often lack the flexibility needed for user customization. Dietary restrictions, adjustments in serving sizes, or the addition of personal notes for future reference are common requirements that current recipe storage methods might not sufficiently support. This inflexibility can be frustrating for those seeking to personalize their cooking experience.

3. Objectives

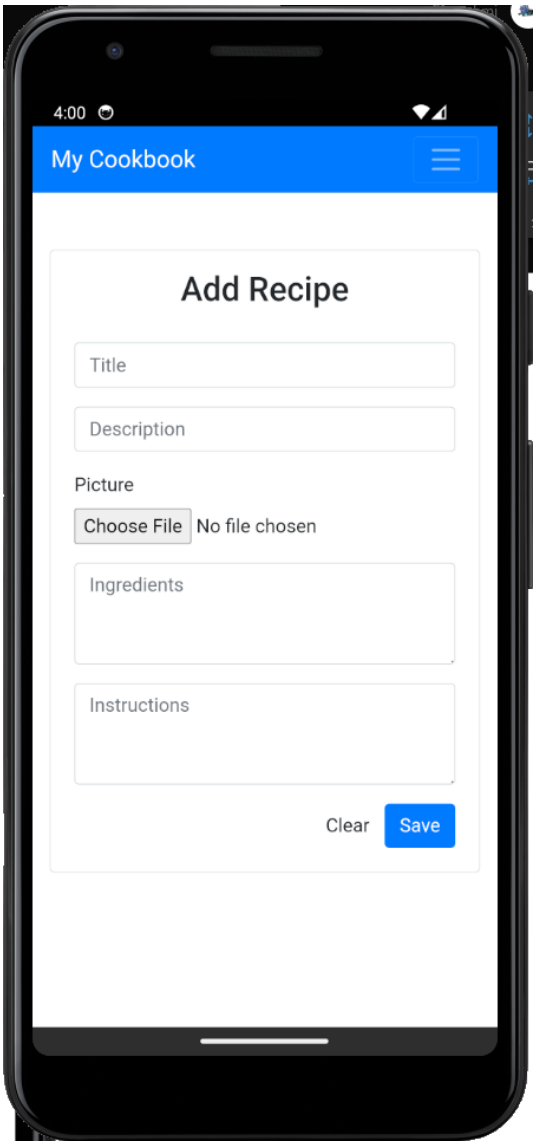
- Allows users to import and manage all their recipes from various sources in one place. Recipes can be categorized for easy browsing and advanced search filters help users find specific dishes quickly.
- Empowers users to personalize recipes by adding notes, adjusting serving sizes, and substituting ingredients based on dietary needs or preferences. This allows for customized recipes to meet specific culinary needs, creating a personalized cookbook.
- Promotes culinary exploration by featuring curated collections of healthy and delicious recipes from various cuisines. Users can discover new dishes, plan meals, and expand their culinary range while maintaining a balanced diet.

4. Application Explanation

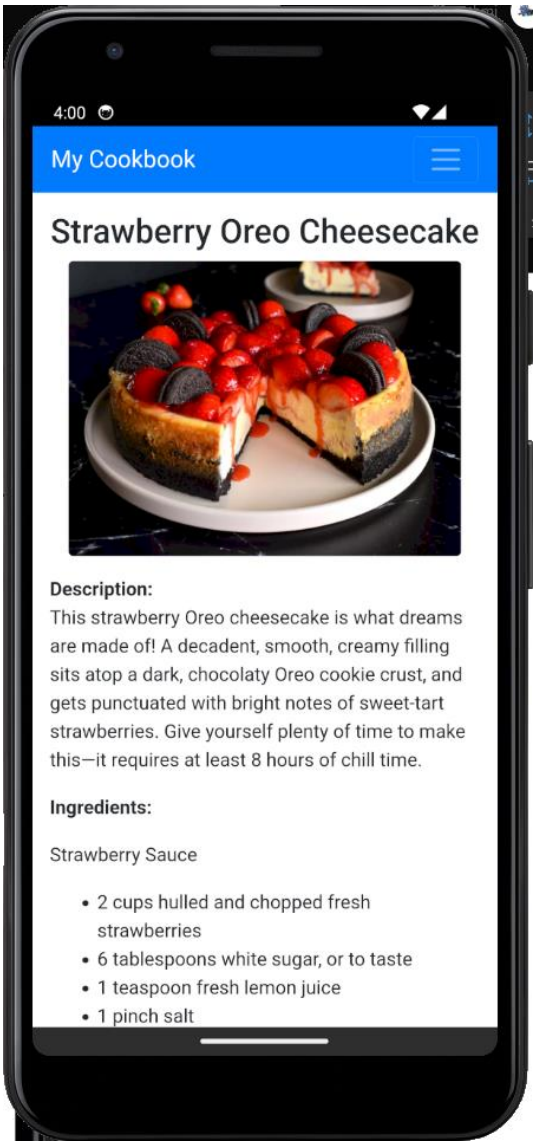
- Main page



- Add recipe page



- Recipe detail page



Link GitHub: https://github.com/S65526AfifSyahmi/CSM3103-Project