

CSS545 (Check Point 2 – Simple Prototype)

Name – Sahithi Chimakurthi

Student ID – 2303017

List of Features Needed for the MVP + Breakdown of Tasks:

Completed Tasks:

- 1.) Login and Signup Page:** Implemented user authentication with preset credentials (username: user, password: 1234).
- 2.) Home Screen:** Created a home screen with a navigation drawer and list of dishes to allow quick navigation.
- 3.) Search Feature:** Added search functionality that opens a new SearchActivity, displays a list of recipes, and filters based on user input.
- 4.) Recipe Details Page:** Set up the RecipeDetailActivity to display details for a specific recipe, currently focusing on Biryani with detailed ingredients and instructions.
- 5.) Favourite Feature:** Implemented a favourite button allowing users to mark recipes as favourites, stored persistently with SharedPreferences.
- 6.) Navigation Bar:** Developed a side navigation bar for quick access to other app sections.

To-Do Tasks:

- 1.) User Registration:** Extend the login/signup functionality to support new account registration.
- 2.) Dynamic Recipe Data:** Enable fetching of recipe data dynamically from an API rather than hardcoding, making the app more scalable.
- 3.) Allergen and Warning Notifications:** Add a system to display allergens and warnings related to each recipe before users view details.
- 4.) User Interface Enhancements:** Refine the UI/UX to ensure a seamless experience, with improvements in visual design, layout consistency, and accessibility.
- 5.) Testing and Debugging:** Perform comprehensive testing across all app screens to identify and resolve any bugs.
- 6.) Additional Recipe Details:** Extend RecipeDetailActivity to display full details for all recipes, ensuring each has ingredients and instructions available.

Mapping Between Features and Value(s) to Be Delivered by Your App (Justification):

Completed Features:

1.) Login and Signup Page

Value: Provides secure access, allowing users to have a personalized experience.

2.) Home Screen

Value: Allows users to navigate easily and access various features quickly, ensuring a streamlined experience.

3.) Search Feature

Value: Enables users to find recipes quickly, enhancing convenience and user engagement.

4.) Recipe Details Page

Value: Provides comprehensive information on selected recipes, aiding users in preparing meals confidently.

5.) Favourite Feature

Value: Lets users save preferred recipes, creating a personalized collection for easy access.

6.) Navigation Bar

Value: Improves accessibility to core app functionalities, making navigation intuitive.

To-Do Features:

1.) User Registration

Value: Expands user base by allowing new users to create accounts, supporting long-term growth.

2.) Dynamic Recipe Data

Value: Provides diverse recipe options by fetching data, improving the app's appeal.

3.) Allergen and Warning Notifications

Value: Ensures user safety by notifying users of any allergens or dietary warnings.

4.) User Interface Enhancements

Value: Increases engagement by providing a pleasing and user-friendly interface.

5.) Testing and Debugging

Value: Ensures a stable and reliable app experience, critical for user retention.

6.) Additional Recipe Details

Value: Enhances the app's utility by ensuring all recipes offer full ingredient lists and instructions, catering to diverse user preference