App Name: **Chuba Makan**

Developed by: Chubaasiny Eswararao

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1.0 Introduction

Chuba Makan is a cooking application developed to provide users with diverse recipes from various cuisines worldwide, complete with estimated cooking times. The app not only offers a collection of recipes but also enables users to create and save their own recipes, catering to personalized culinary preferences.

In today's world, many individuals, such as busy professionals and university students, lack the time, skills, or ideas to prepare their daily meals. This often leads to reliance on takeout or unorganized meal planning. Chuba Makan addresses these challenges by helping users organize their meal plans efficiently.

The app empowers users to plan their meals by offering a variety of recipes, meal ideas, and grocery planning tools. By using Chuba Makan, users can determine what they need to cook and shop accordingly, saving time and reducing food wastage. Moreover, the app inspires users to embrace cooking, fostering creativity and confidence in the kitchen.

Chuba Makan is designed to be a comprehensive cooking companion for those who want to simplify their meal planning process and enhance their cooking experience. Whether you're looking for inspiration, better organization, or a platform to document your recipes, Chuba Makan is here to make cooking accessible, enjoyable, and efficient.

In summary, Chuba Makan is more than just a recipe app, it's a solution for individuals struggling with cooking skills, meal ideas, and time management. By combining recipe discovery and meal planning the app promotes a seamless and inspiring cooking journey. We are confident that users will find Chuba Makan to be an invaluable tool in their daily lives.

2.0 List of features in the app

2.1 Splash Screen Page
Introduces the app and navigation to other pages such as sign up and sign in page.

2.2 Sign Up/Sign In Page
This page allows users to create an account or sign in to access personalized features and save preferred recipe.

2.3 Home Page
Shows the summary of all recipes in the app and the recipe challenge offered to the user by Chuba Makan team. Users can click the logout button to log out from the app.

2.4 Menu Page
Displays all the recipes with their full details in a list. User can view the full details of the recipe.

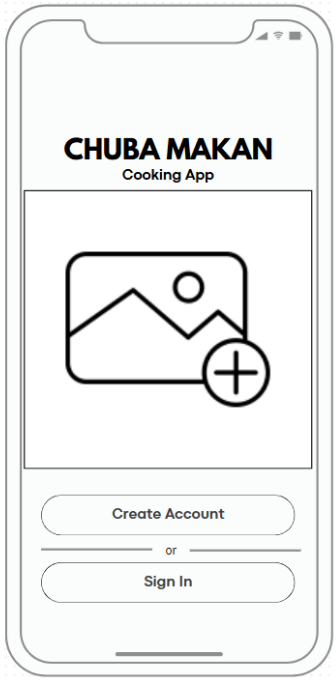
2.5 Favourites Page
Display the recipes that has been liked by the user. Users can view their favourite list of recipes.

2.6 Profile Page
This page shows the details of the user and the options to navigate to other page. Users can change their profile name and picture in this page. User can also logout from their account in this page.

2.7 Create Recipe Page
This page allows users to create their preferred recipe, users can fill in their details needed such as recipe name, preparation time, recipe photo, category, ingredients and description.

3.0 Wireframes that depict the visual layout and design of this app

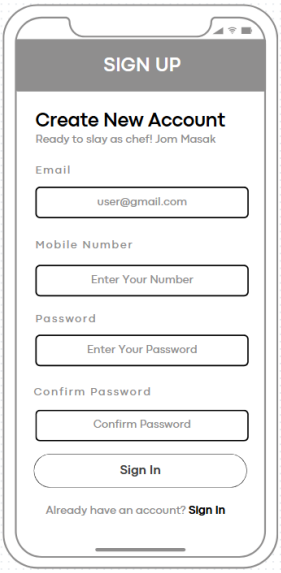
3.1 Splash Screen Page



- User will be welcomed with the app's name and the logo when they open and enter to the splash screen.

-There is a "Sign Up and "Sign In" button available below the message and the logo picture.

3.2 Sign Up Page

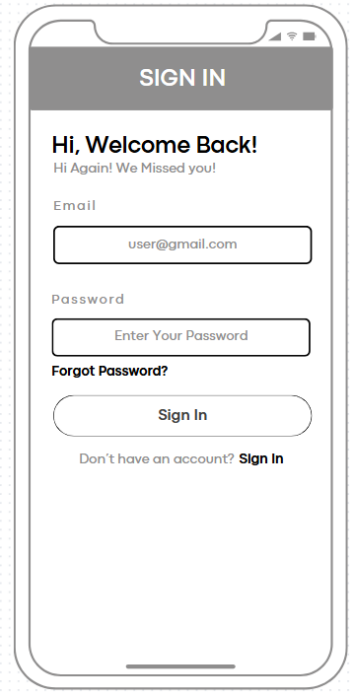


-If the user is new, then click the "Sign Up" button to create a new account.

-The user will be prompt to fill in the account details such as email, mobile number and password.

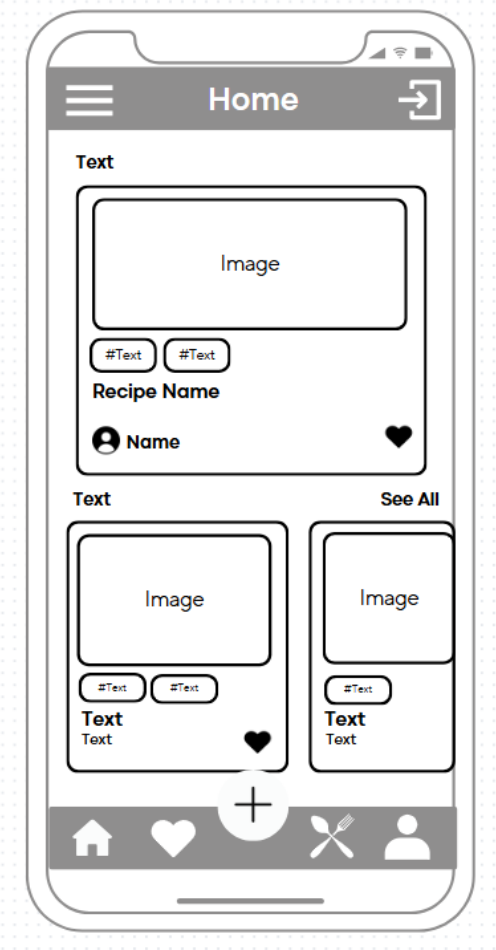
- After signing up, the user can access the app.

3.3 Sign In Page



-If the user has an existing account, then click the “Sign In” button and enter the email and password that has been registered to access the app.

3.4 Home Page



-In the Home Page the user can find a recipe tab on top that depicts the recipe challenge chosen by Chuba Makan team. At the bottom part there is a list of the summary of all the recipes.

-Users can tap the “See All” button to view all the full recipes.

-There are few buttons at the bottom bar, the home button will navigate the users to the “Home Page”, the favourite button will navigate the users to the “Favourite Page”, the menu button will navigate the users to “Menu Page”, the profile button will navigate the user to the “Profile Page” and the “+” button will navigate the user to the “Create Recipe” page.

3.5 Menu Page

- In the “Menu Page” the user can see the full details of the recipe such as recipe photo, recipe name, preparation time, category, ingredients, and directions.

- The user can click the “+” button to add their recipes.

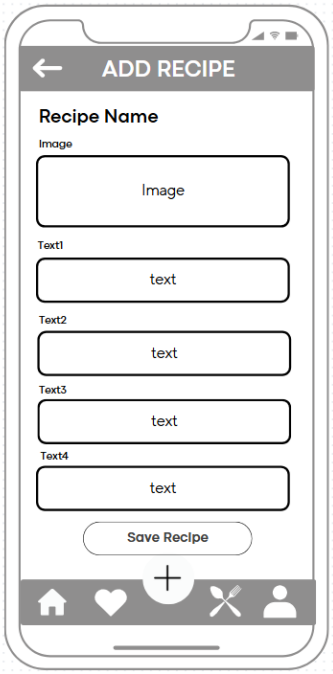
-The user can click the “delete” button to delete their recipes.

3.6 Favourites Page

-In the “Favourites Page”, the user can view the summary of their favourite recipes.

-If the user clicks the “Shaded Favourite” button, the recipe will be removed from favourites list.

3.7 Create Recipe Page

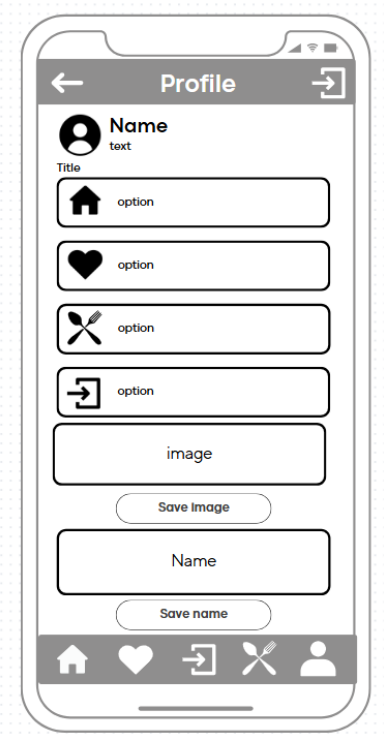


- On the “Create Recipe” page, users can create their own recipe.

-Users have to fill in the details needed such as recipe name, preparation time, recipe photo, category, ingredients and description to create their own recipe.

-The user have to click the save button to save the recipe details.

3.8 Profile Page



- The “Profile Page” shows the details of the user such as profile name, email and profile picture.

-When the user clicks the home button, it will navigate the users to the Home Page

- When the user clicks the favourite button, it will navigate the users to the Favourite Page,

- When the user clicks the menu button, it will navigate the users to Menu Page.

-If the user clicks the log out button, it will log out the user from the app.

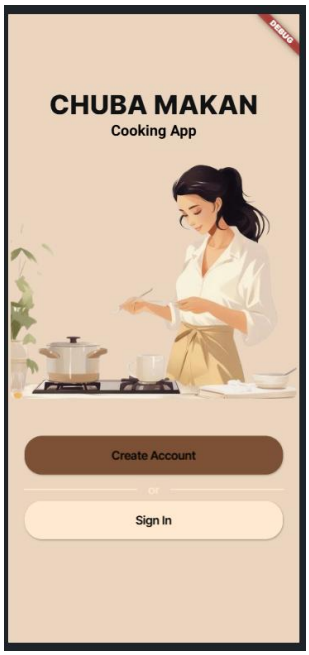
-The user can change their profile picture, by entering their new profile picture and click the “Change Picture” button.

- The user can change their profile name, by entering their new profile name and click the “Change Name” button.

-There is a log out button in the middle of the bottom bar where the user can click to log out.

4.0 User Manual

4.1 Splash Screen Page



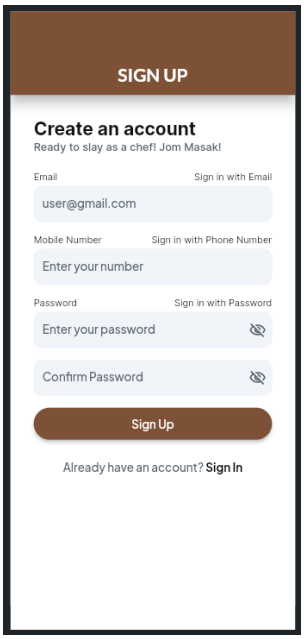
4.1.1 Welcome Screen

When the user opens the app, they will be welcomed with this splash screen. This screen will introduce the app and navigation to other pages such as sign up and sign in page.

4.1.2 Sign Up/Sign In Button

There will be a “Create Account” and “Sign In” button available below the app name and the logo in the page. If the user is new, then they have to tap the “Create Account” button in the splash screen to create an account. If the user has an existing account, then they have to tap the “Sign In” button in the splash screen to get access to the app.

4.2 Sign Up Page



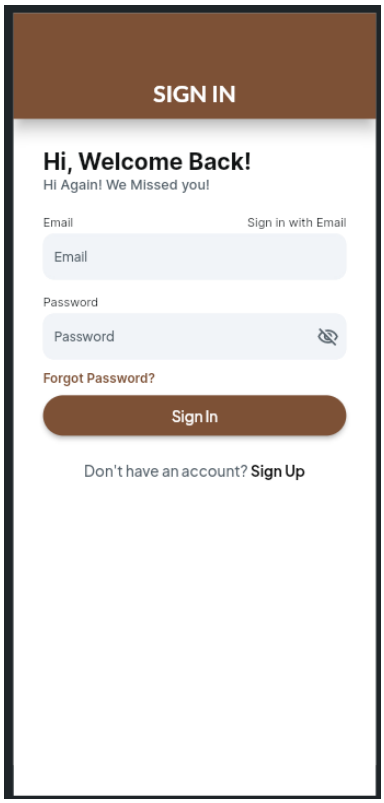
4.2.1 Sign Up

When the user clicks the “Sign Up” button in the splash screen, the Sign Up page will be displayed. Users can create their account by filling in their details such as email, mobile number and password. By creating an account, users can access the features in the app.

4.2.2 Navigation

After filling in the details the user has to click the “Sign Up’ button to create an account. After the account creating process is done the details of the user will be saved in the firebase database for future authentication purposes.

4.3 Sign In Page



4.3.1 Sign In

When the user clicks the “Sign In” button in the splash screen, the Sign In page will be displayed. The user has to enter their email address and the password.

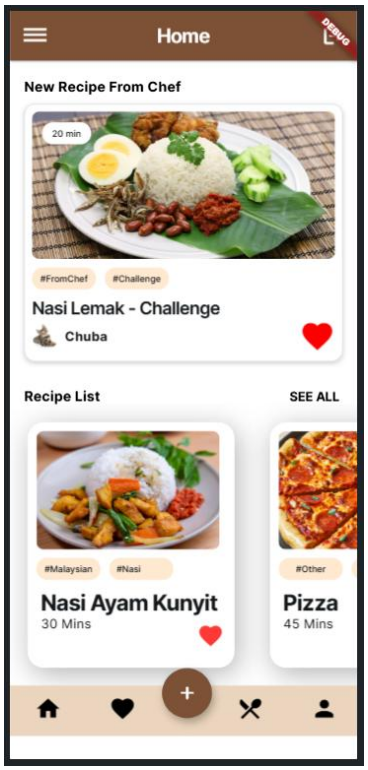
4.3.2 Navigation

After entering their email address and the password, the user have to click the “Sign In” button to sign in to their account. By signing in to their account, users can access the features in the app.

4.3.3 Authentication and Authorisation

During the sign in process the authentication system will verify the user’s input details. If the input details are matched with their created account’s database, it will give access to the user to sign in to the app.

4.4 Home Page



4.4.1 Recipe Selection

Once the user has signed up or signed in, the “Home Page” will be displayed. The Home Page shows the summary of all recipes tab in the app and the recipe challenge tab which is chosen by the Chuba Makan team.

4.4.2 App Bar

The app bar will indicate the user about which page they are right now. If the user is in the “Home Page” the app bar text will show “Home”. The app bar also contained profile button that navigates the user to profile page and log out button that signs out the user.

4.4.3 Recipe personalisation

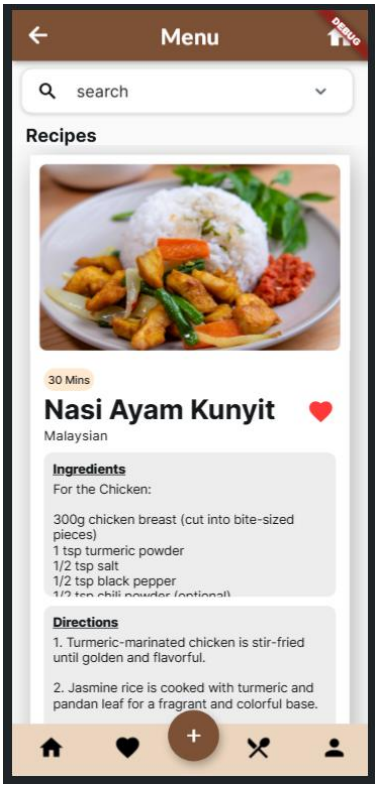
The bottom part shows the recipe tabs, it shows a few details of the recipe such as recipe name and time. If the user click the “See All” button, it will navigate them to the Menu Page where they can view all the recipes with their full details.

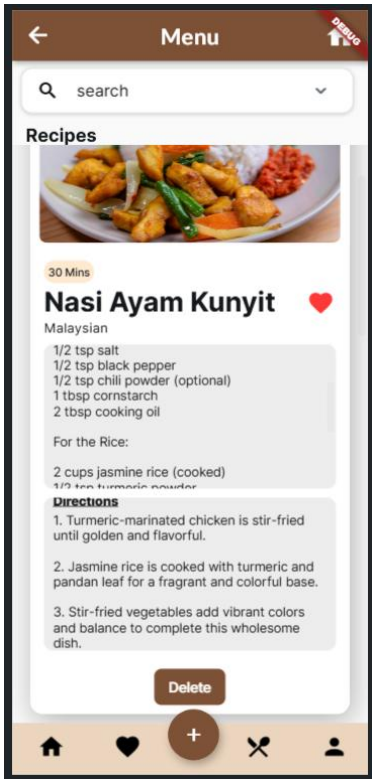
4.4.4 Bottom Bar Navigation

There are few buttons at the bottom bar, the home button will navigate the users to the “Home Page”, the favourite button will navigate the users to the “Favourite Page”, the menu

button will navigate the users to “Menu Page”, the profile button will navigate the user to the “Profile Page” and the “+” button will navigate the users to the “Create Recipe” page.

4.5 Menu Page





4.5.1 Recipe Details

When the user clicks the “see all” button or the “Menu” button it will navigate them to the “Menu Page”. In the “Menu Page”, the user can view the full details of all the recipes.

4.5.2 Add Favourites

The user can click the favourite button to add the recipe to the favourites list. Once clicked, the recipe details will be saved in another database document called as “favourites”. It will also navigate them to the favourites page.

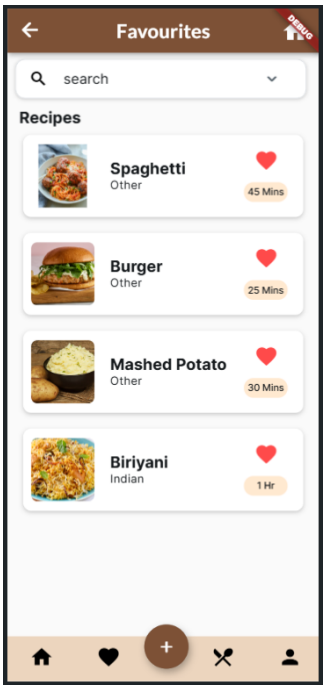
4.5.3 Add Recipe

The user can click the add (+) button to add recipes. It will navigate them to the “Create Recipe” page.

4.5.4 Delete Recipe

The user can click the delete button to delete their recipes. The recipe will be deleted from the “Menu Page” and also from the database.

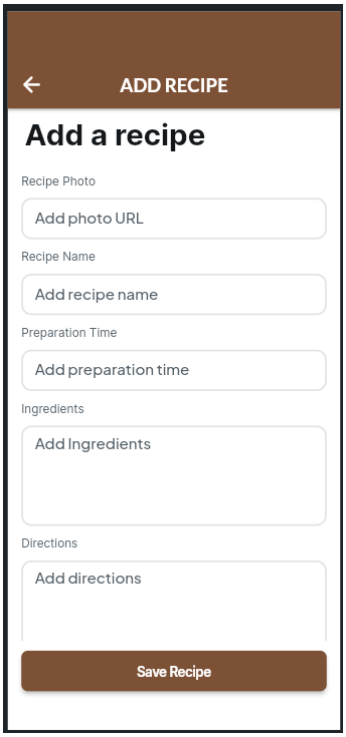
4.6 Favourites Page

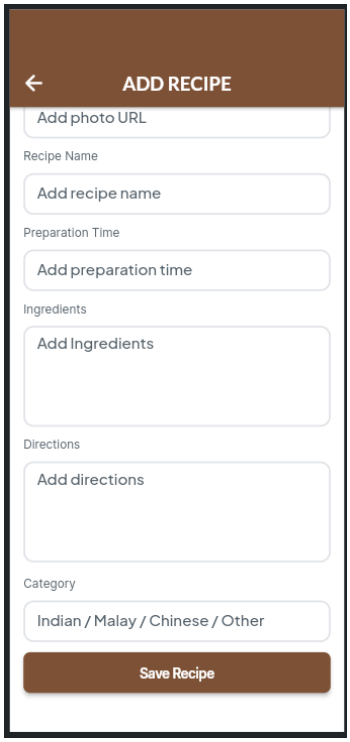


4.6.1 Remove Favourites

When the user clicks the favourite button in the “Menu Page” or in the “Home Page”, it will navigate them to the “Favourites Page”. In the “Favourites Page”, the user can view their favourite recipes. If the user clicks the “shaded favourite” button, the recipe will be removed from favourites list and also from the “favourites” database.

4.7 Create Recipe Page





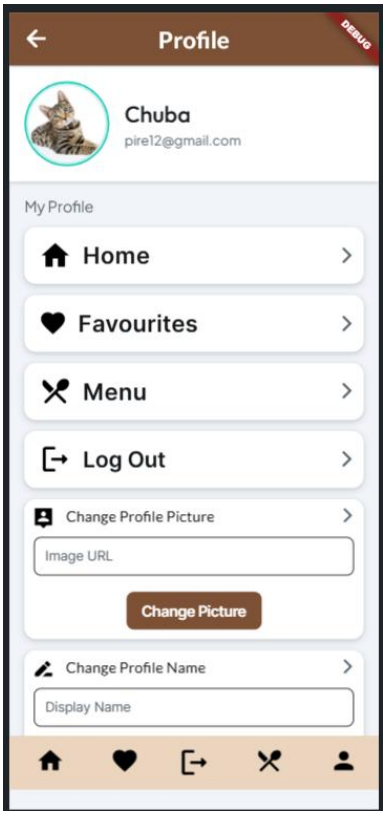
4.7.1 Create Recipe

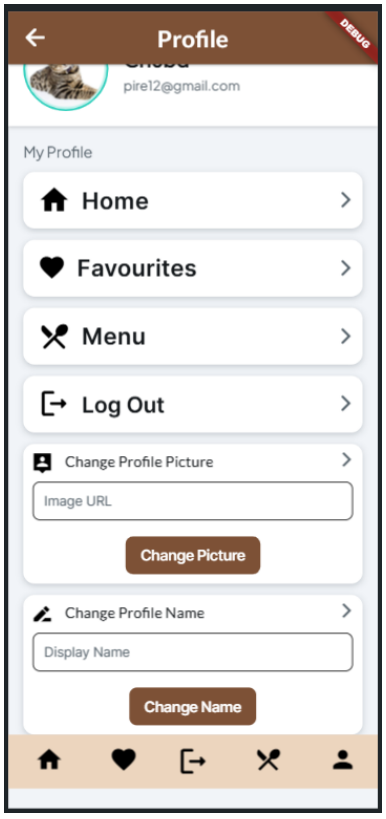
When the user clicks the "+" button in the "Home Page", "Menu Page", and "Favourites Page", it will navigate them to the "Create Recipe Page". This page allows users to create their preferred recipe. Users can fill in the details needed such as recipe photo, recipe name, preparation time, ingredients, directions and category, to create their own recipe.

4.7.2 Navigation

After filling in the details, the user has to click the "Save Recipe" button to create the recipe. Then, it will create a recipe and store it to the "Recipe" database and navigate to the "Menu Page". The summary of the recipe can be seen in the recipe tab on the "Home Page". The full recipe details can be seen in the "Menu Page".

4.8 Profile Page





4.8.1 Display Profile Details

When the user clicks the profile button from the bottom bar in any of the pages or the profile button in the app bar in the “Home Page”, it will navigate them to the “Profile Page”. The page shows the details of the user such as profile name, email and profile picture.

4.8.2 Navigation

There are also other options given for the users to navigate to other page. The home button will navigate the users to the Home Page, the favourite button will navigate the users to the Favourite Page, and the menu button will navigate the users to Menu Page.

4.8.3 Update profile name and picture

An option has been given to the users to change their profile name and picture in this page. To change the profile picture, the user has to enter the image URL and click the “Change Picture” button to change their picture. To change the profile name, the user has to enter their new name and click the “Change Name” button to change their name.

4.8.4 Log out

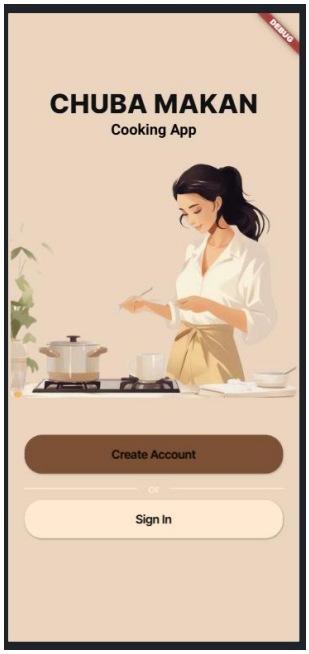
If the user clicks the log out button which is below the menu option button and the middle of the bottom bar, it will log out the user from the app.

5.0 Source Code/Appendix

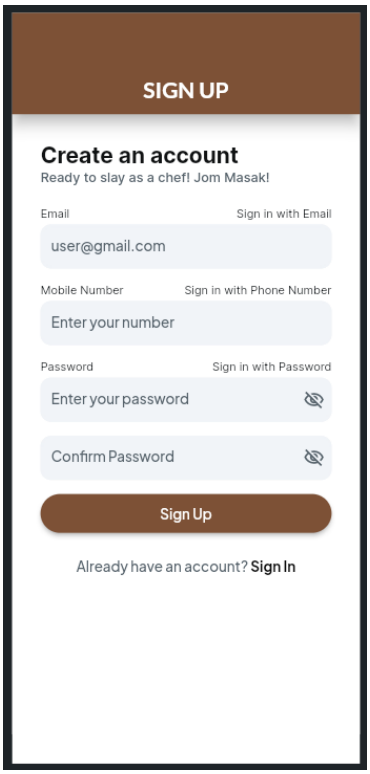
Link to the code: https://app.flutterflow.io/project/chuba-makan-wkjbon

6.0 Actual Visual Layout and Design of the App

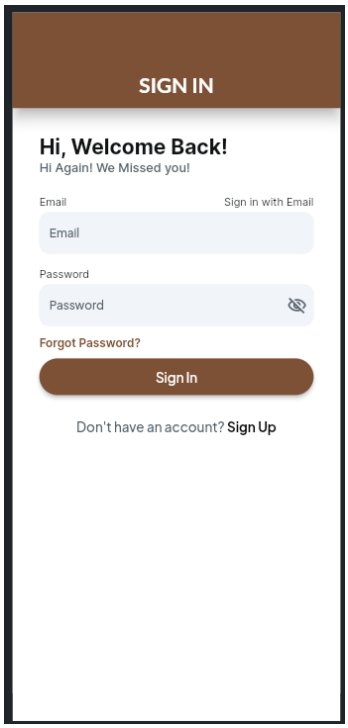
6.1 Splash Screen Page



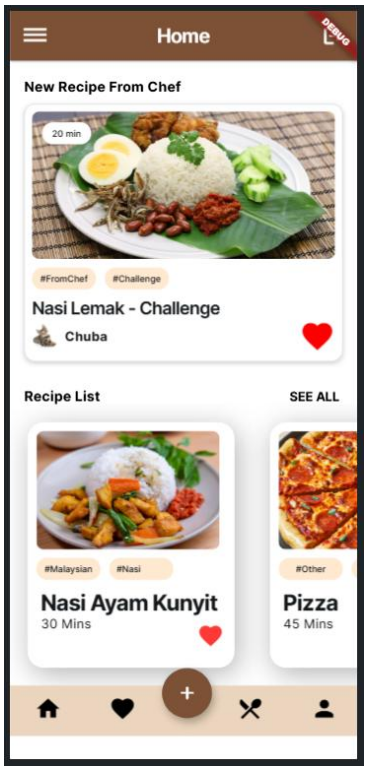
6.2 Sign Up Page



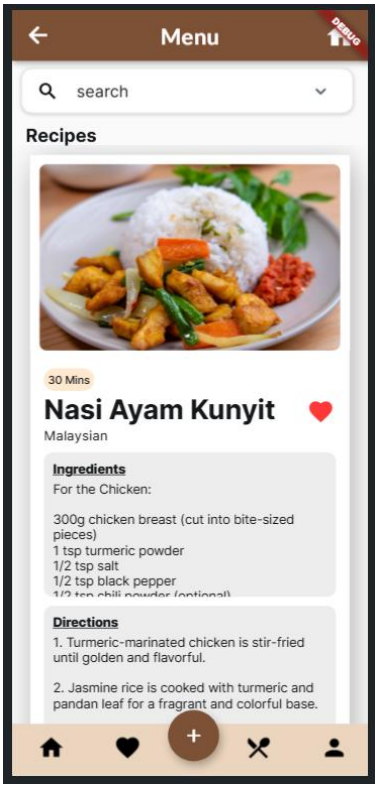
6.3 Sign In Page

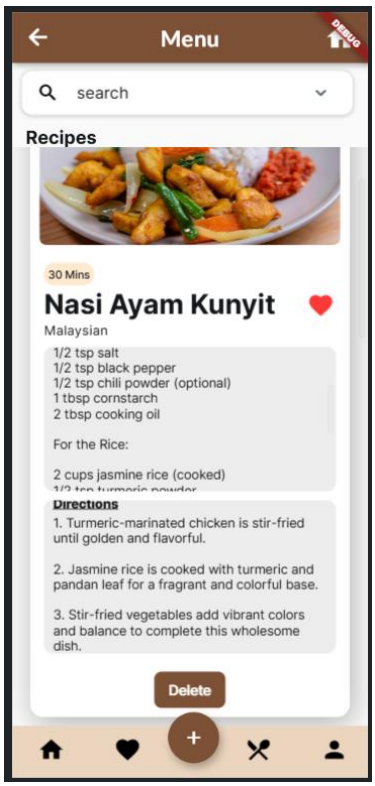


6.4 Home Page

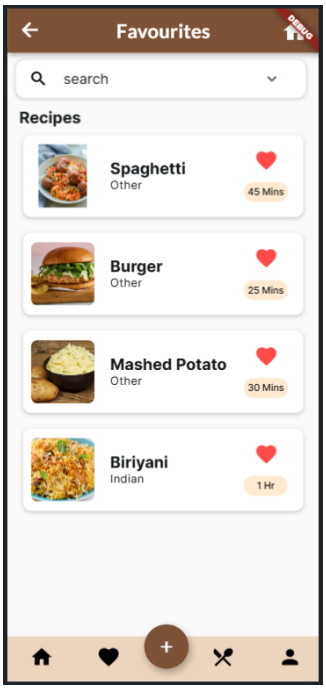


6.5 Menu Page

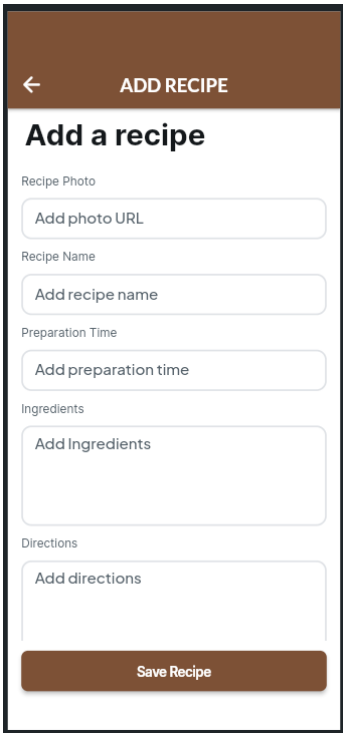


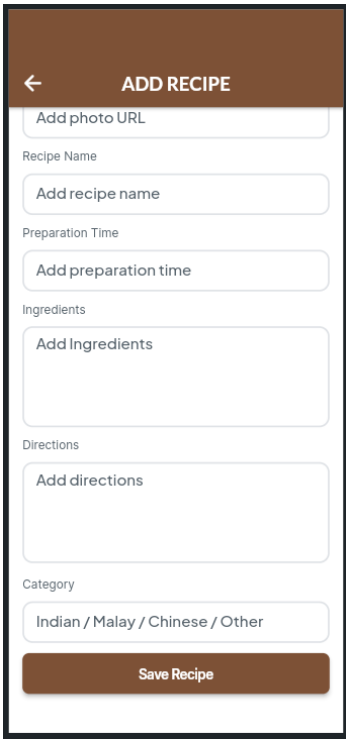
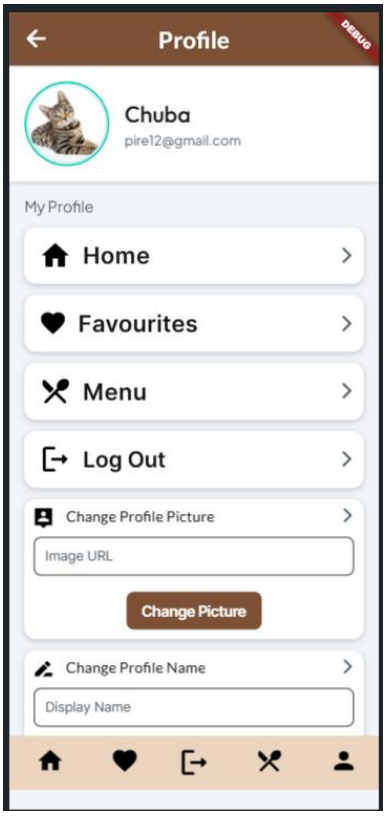
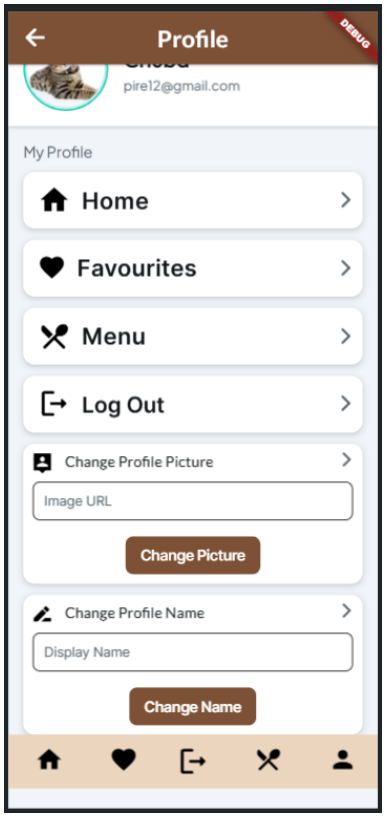


6.6 Favourites Page



6.7 Create Recipe Page





6.8 Profile Page