



**ESEMKA  
RECIPES**

# EsemkaRecipes

## Software Requirement:

IDE: **Android Studio**

Programming Language: **Java or Kotlin**

Target Android: **SDK API 27**

## Project Description and Task:

EsemkaRecipes is a culinary application designed for food lovers from all walks of life. With over a thousand delicious recipes available, this app will take users on a mouth-watering culinary journey. From everyday meals to special dishes, EsemkaRecipes is a one-stop guide for those who want to prepare delicious dishes in their own kitchen. EsemkaRecipes wants to ask you as a talented developer to make an android mobile application. EsemkaRecipes already have Backend API, so you have to connect this application to Backend API, you can run "EsemkaRecipes.exe" then by typing the url <http://localhost:5000/swagger> in your web browser, then you can see the Backend API documentation. And make sure your application follows the following color Style.

## Color Palette:



#C7151A



#000000



#FF9800

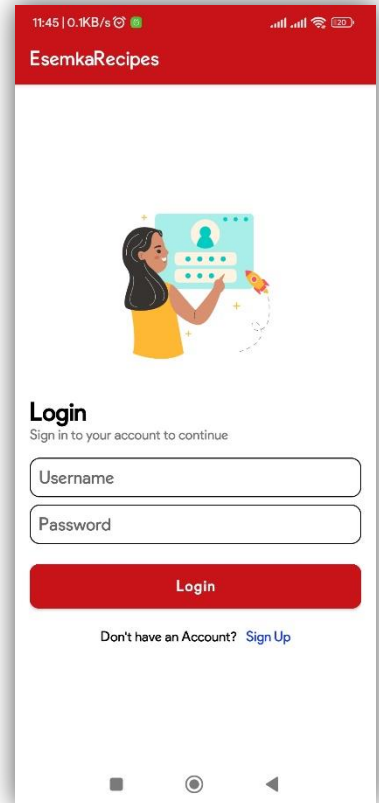
## 1. Login Screen

This screen will be shown at first when the user opens the app. The user must fill out the Username and Password to login the applications.

When the user taps the **Login Button**:

- Ensure the Username and Password are filled out.
- The application must be validated based on the Backend API.
- Give a proper message if the login process fails. If the Login is successful, it redirects the user to **Main Screen - Categories**.

When the user taps the Sign-Up label, the user will be redirected to the **Sign-Up Screen**.



## 2. Sign Up Screen

This screen will be used by the user to create a new account.

When the user taps the **Sign-Up Button**:

- Ensure that all fields are filled out.
- Password and Confirm password must be the same.
- The application must validate based on Backend API.
- Give a proper message if the sign-up process fails. If the Sign-Up is successful, it redirects the user to **Login Screen**.

When the user taps the Sign-In label, the user will be redirected to the **Sign-In Screen**.

22:09 | 21.7KB/s | 100%  
EsemkaRecipes

**ESEMKA RECIPES**

### Sign Up

Create a new account to try famous recipes

Username

Full Name

Date of Birth

Password

Confirm Password

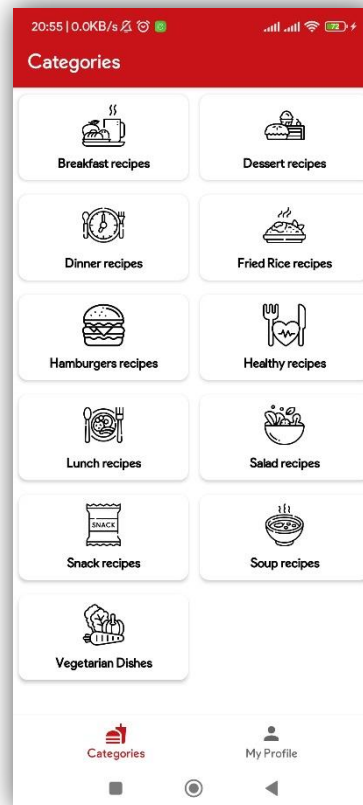
**Sign Up**

Already have an Account? [Sign In](#)

### 3. Main Screen

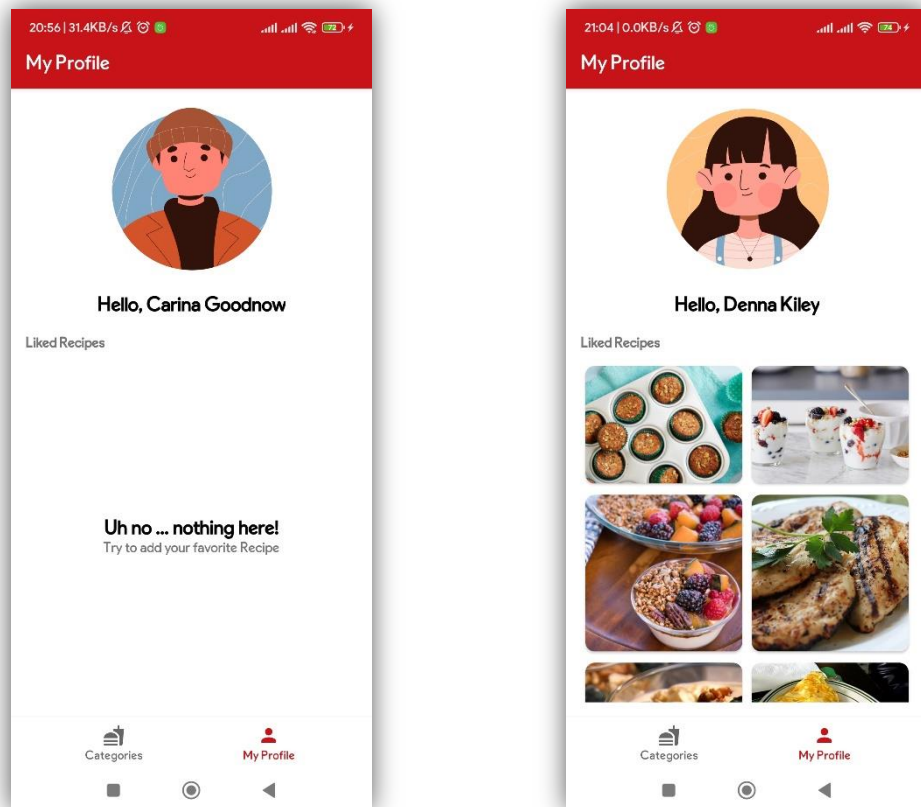
On the Main Screen, there is a BottomNavigationView. When the user presses the Navigation Button, the screen will change according to the Navigation that is selected.

#### 1. Navigation Categories Screen



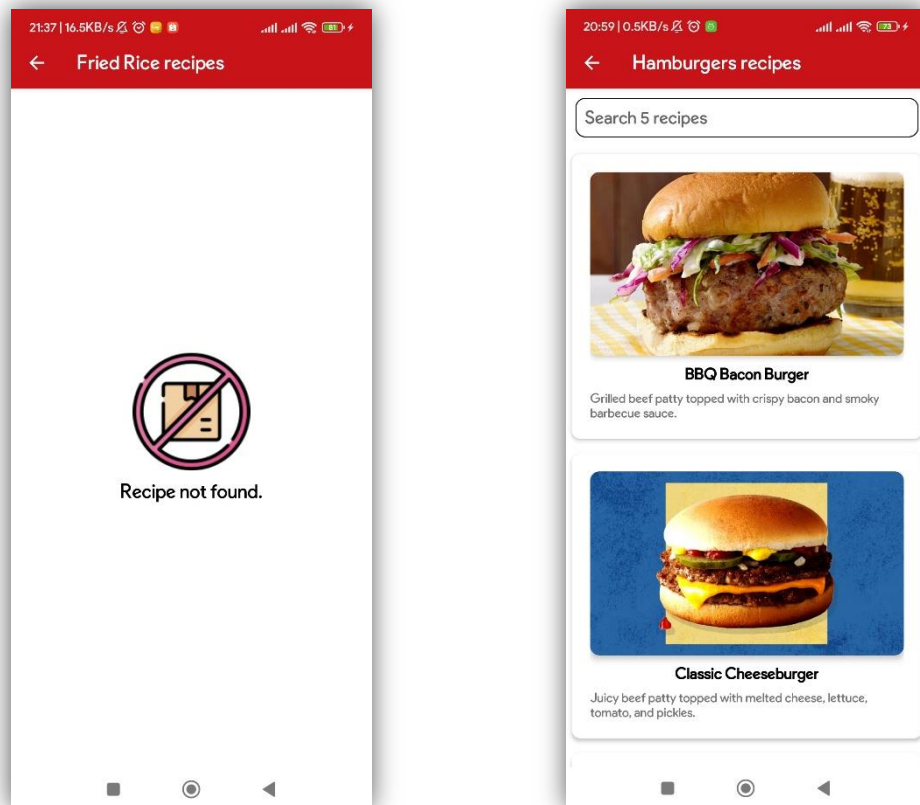
On the Category Screen, there is a bottom navigation view and a list of categories. The category layout must be two columns and can be scrolled. When the user taps the category, the application will be redirected to the recipe screen.

## 2. Navigation My Profile Screen



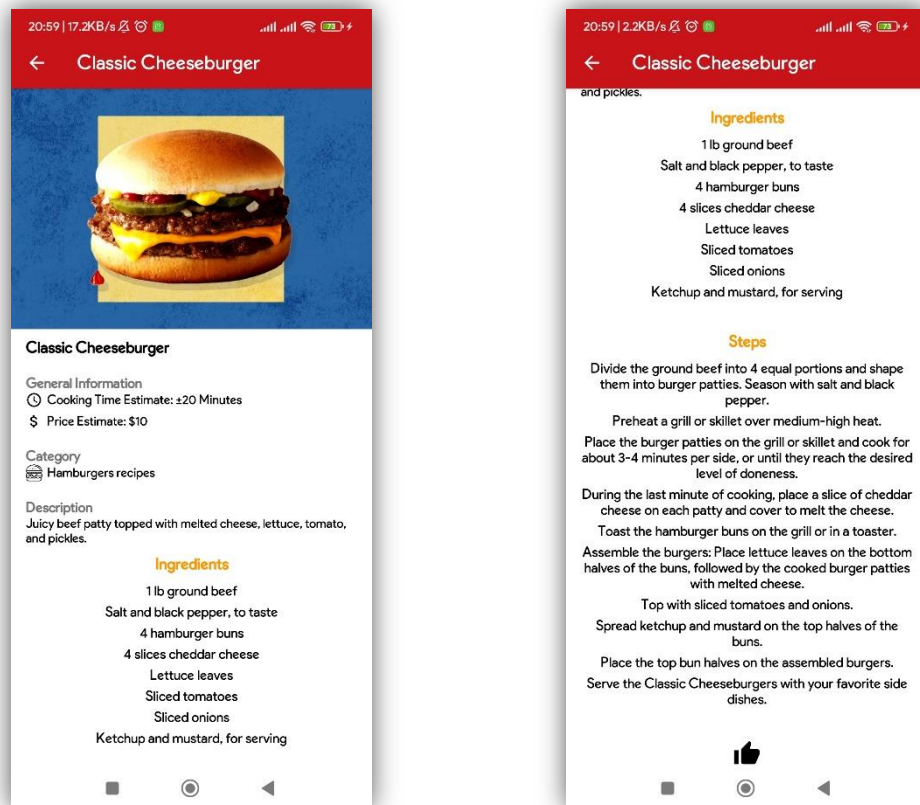
On the navigation My Profile screen, it will show the user profile, full name, and list of favourite recipes. The image on the left shows that the user does not have a favorite recipe. The Favorite Recipes layout must be two columns and can be scrolled. When the user taps the Favorite Recipes image, the application will be redirected to the Recipe Detail Screen.

## 4. Recipe Screen



On the Recipe Screen, it will show a search box and a list of recipes based on the selected category. The hint search box should follow the following formula: "Search for {total count recipes} recipes.". The image on the left is the category that does not have a recipe. On the list, there is a recipe image, title, and description. The user can search for recipes by using the title name as a keyword. When the user taps the recipe, the application will be redirected to the Recipe Detail Screen.

## 5. Recipe Detail Screen



On this screen, there are recipe images, titles, general information, categories, descriptions, steps, ingredients, and like icons. There are several conditions to which you need to pay attention:

- This screen must be scrollable.
- The category icon and category name are obtained according to the recipe category.
- When the user already like the recipe, the like icon will change like this (👍), Otherwise (👍).

When the user presses the like Icon:

- You have to **send it to the Backend API**.
- When the conditions are liked, then the icon will be like this (👍), Otherwise (👍).

~ Good Luck ~