

Esemka Tourism

EsemkaTourism

Software Requirement:

IDE: **Android Studio**

Programming Language: **Java or Kotlin**

Target Android: **SDK API 27**

Project Description and Task:

EsemkaTourism is a travel application designed for explorers and culture enthusiasts. With a vast collection of tourist attractions, events, and unique destinations, this app takes users on an exciting journey to discover the beauty of various places. From breathtaking natural landscapes to vibrant cultural festivals, **EsemkaTourism** is the perfect guide for travelers seeking unforgettable experiences.

EsemkaTourism wants you, as a talented developer, to create an Android mobile application that connects seamlessly to its Backend API. The API is already available, and you can access its documentation by running "EsemkaTourism.exe" and navigating to <http://localhost:5000/swagger> in your web browser. This will provide all the necessary details to integrate your application with the backend.

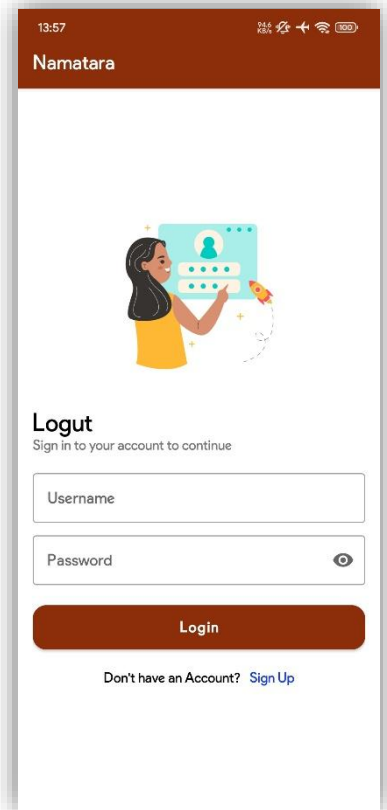
1. Login Screen

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 **3. Main Screen**.

When the user taps the Sign-Up label, the user will be redirected to the **2. Sign-Up Screen**.



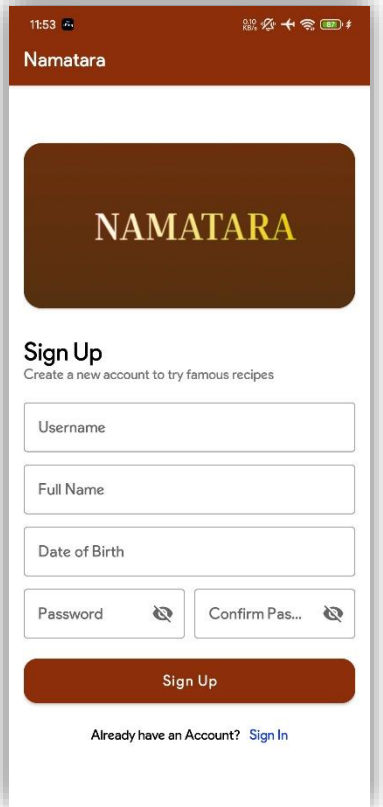
2. Sign Up Screen

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 **1. Login Screen**.

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

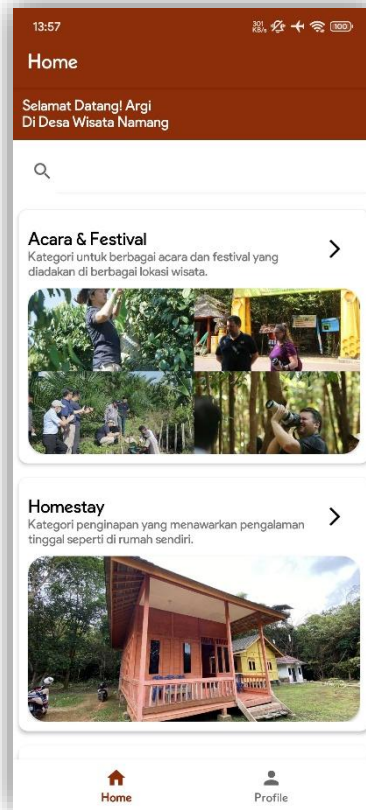


The image shows a mobile application interface for a sign-up screen. At the top, there is a status bar with the time 11:53 and various icons. Below the status bar is a dark red header with the text "Namatara". The main content area has a dark red background with the word "NAMATARA" in large, bold, yellow letters. Below this, the text "Sign Up" is displayed in bold, followed by the subtitle "Create a new account to try famous recipes". There are four input fields: "Username", "Full Name", "Date of Birth", and "Password". The "Password" field has a toggle icon for visibility. Below the "Password" field is a "Confirm Pas..." field, also with a toggle icon. A large, dark red button with the text "Sign Up" is positioned below the input fields. At the bottom, there is a link that says "Already have an Account? Sign In".

3. Main Screen

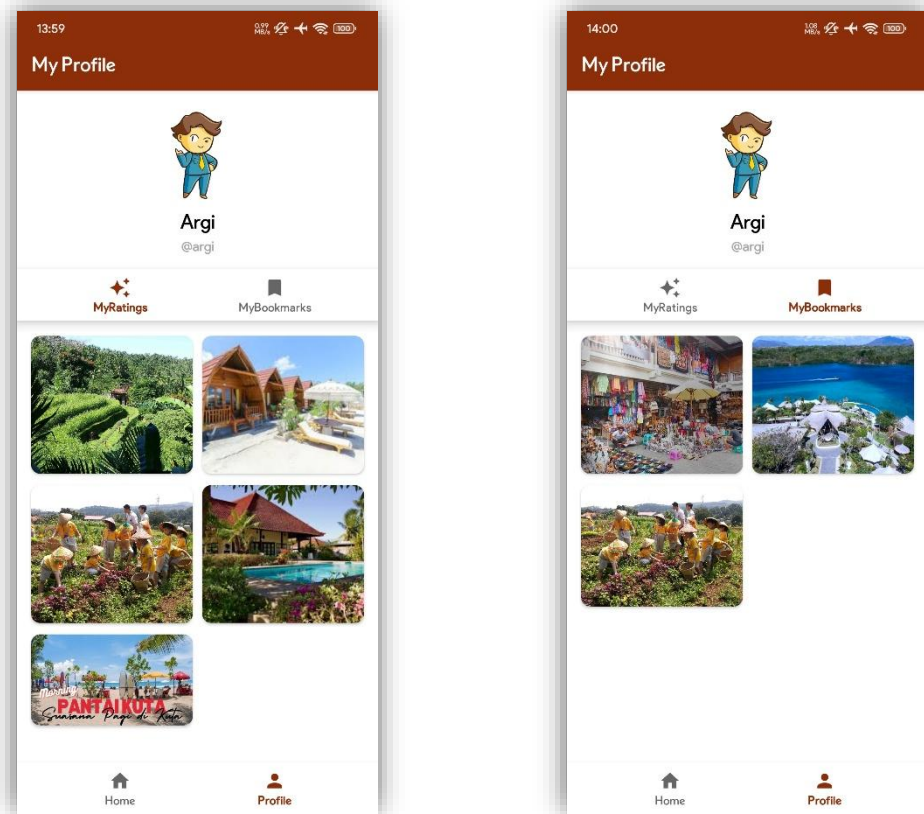
On the Main Screen, there is a BottomNavigationView. When the user presses the Navigation Button, the screen will change according to the Navigation that is selected.

1. Navigation Home Screen



On the Home Screen, there is a bottom navigation view and a list of tourism 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 **4. Tourism Screen**.

2. Navigation My Profile Screen



On the navigation My Profile screen, it will show the user profile, full name, and list of ratings and bookmarks. The image on the left shows that the user is already rated the places and the right image shows that the user is already bookmarked. The layout must be two columns and can be scrolled. When the user taps the images, the application will be redirected to the **5. Tourism Detail Screen**.

4. Tourism Screen



On the Tourism Screen, it will show a search box and a list of recipes based on the selected category. On the list, there is a image, title, icon and description. The user can search for recipes by using the title name as a keyword. When the user taps the data, the application will be redirected to the **Recipe Detail Screen**.

5. Tourism Detail Screen



On this screen, there are image, title, and other general information. There are several conditions to which you need to pay attention:

- The rating bar and bookmark icon is load and changed by conditions.

~ Good Luck ~