

## Key Features of the Travel Application

### 1. Interactive Map of Sri Lanka

- a) The app includes an interactive map that shows Sri Lanka divided into provinces and districts.
- b) Users can easily select and explore different regions on the map.

### 2. Map Unlocking Feature

- a) The application uses a blurred map system, where different areas of Sri Lanka are initially hidden.
- b) As users visit and complete the given places within a district, that district becomes unlocked on the map and becomes clearly visible.
- c) When all districts within a province are unlocked, the entire province becomes visible as well.
- d) This progressive unlocking system encourages users to explore more locations and provides a sense of achievement as they reveal new areas of the map.

### 3. Trip Planning

#### a. User-Created Trip Plans

- Users can create their own trip plans by selecting a starting point, destination, and other travel details.
- When the user enters the start and end locations, the app automatically provides the possible travel routes.
- Along the route, the app displays suggested places and attractions that the user can explore.

- Users can then select preferred places and add them to their trip list, forming a customized itinerary.

#### b. Pre-Planned Trips

- The app offers several pre-planned trips designed for users who prefer ready-made itineraries.
- These pre-planned trips include recommended routes, destinations, and key attractions, providing a convenient option for quick trip selection.

### 4. Trip List and Management

- a) A separate Trip List section allows users to view all their planned, ongoing, and future trips.
- b) This feature helps users keep track of their travel schedules in an organized way.

### 5. Route Visualization

- a) The app displays the travel route between the selected starting point and destination.
- b) After the user completes the trip and arrives at the destination, the travelled route is automatically colored on the map.
- c) This visual highlight helps users clearly identify the path they have completed.

### 6. Camera Integration

The app includes a camera button that allows users to take photos directly within the application during their trips.

## 7. Photo Album

- a) All captured photos are saved in the app's Photo Album.
- b) This allows users to store and view their travel memories in one place.

## 8. In-App Shop

- a) The app provides a shop section where users can browse and purchase travel-related products such as souvenirs or essential items.

## 9. GPS and Location Access

- a) The app requires GPS/location access to accurately detect the user's current position.
- b) This allows the app to provide correct travel routes, navigation support, and real-time tracking during trips.
- c) Location access also improves the accuracy of destination information and enhances the overall user experience.

## 10. Selected and User-Added Destinations

- a) The app includes a selected list of well-known and recommended visiting places across Sri Lanka.
- b) In addition to these selected destinations, users can contribute by adding their own discoveries or hidden gems of Sri Lanka.
- c) This allows the app to expand with user input and helps other travelers explore unique and less-known locations.

## 11. Sharing and Social Features

- a) Users can share the map of their completed trips with others.
- b) The app also allows users to share their photos, and these shared images include the app's branding for consistency and recognition.

- c) This feature supports social engagement and allows users to showcase their travel experiences.

## 12.User Profile Feature

- a) The app includes a user profile section where users can view and update their personal details.
- b) Users can edit their profile information and add an avatar to personalize their account.
- c) The profile displays the total number of trips completed and the total number of places visited, allowing users to track their overall progress.
- d) Users can also earn and view badges based on their achievements and travel activities within the app.