



Problem

- Tourists are presented with confusing information in Japan due to barrier
- Foreigners don't always have a friend that they can get recommendations from
- Japan struggles to promote non-popular areas

Solution

- Social platform for users to share unique travel experiences in Japan
- Locations all over Japan are promoted
- Foreigners give foreigners personalized experiences
- Simple cross-platform mobile application

Requirements

- Authentication system for users
- Editable user profile with user information
- Option to upload pictures
- Create and search itineraries
- Interactive map of Japan
- Guides for traveling

Screenshots

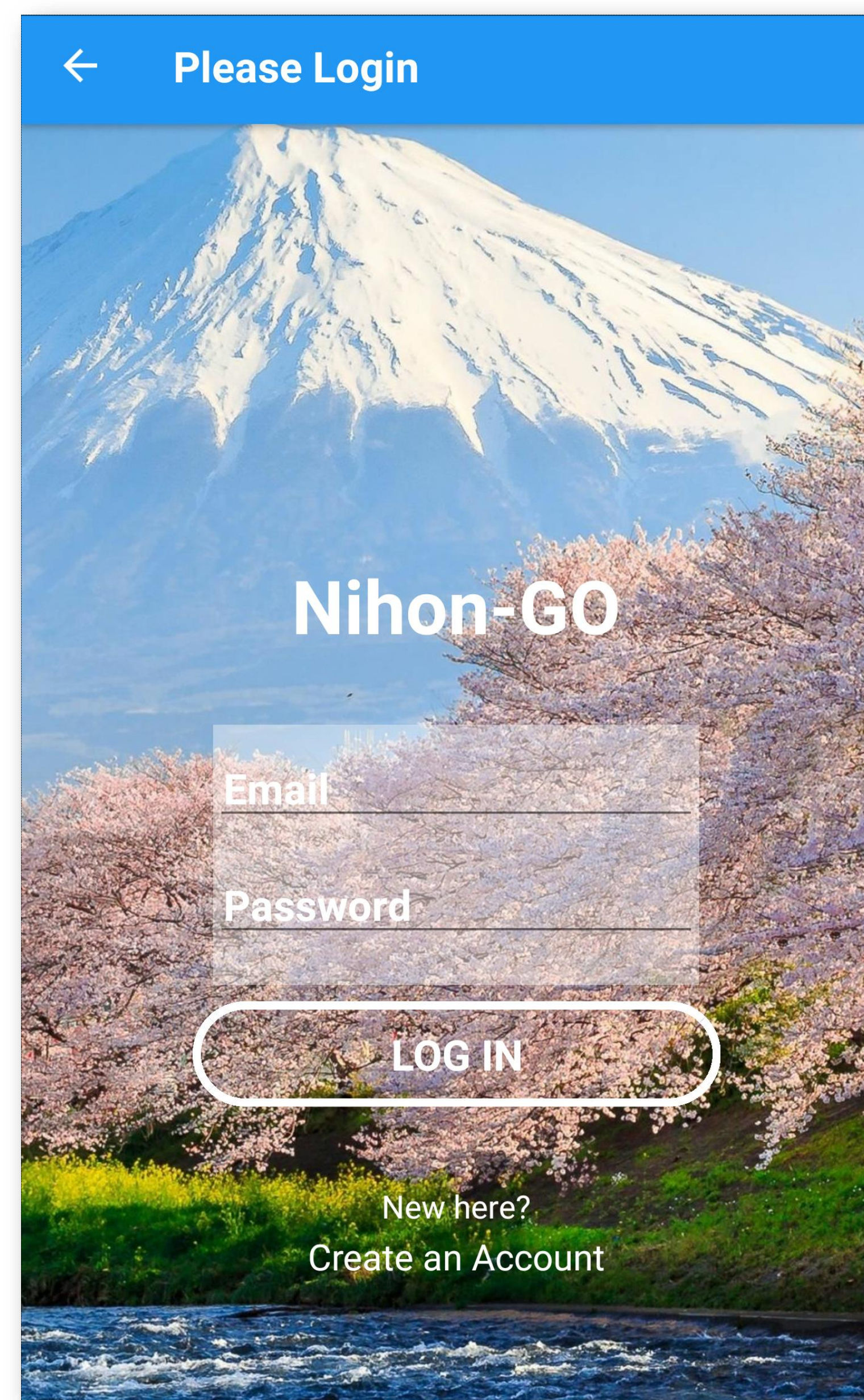


Figure 1

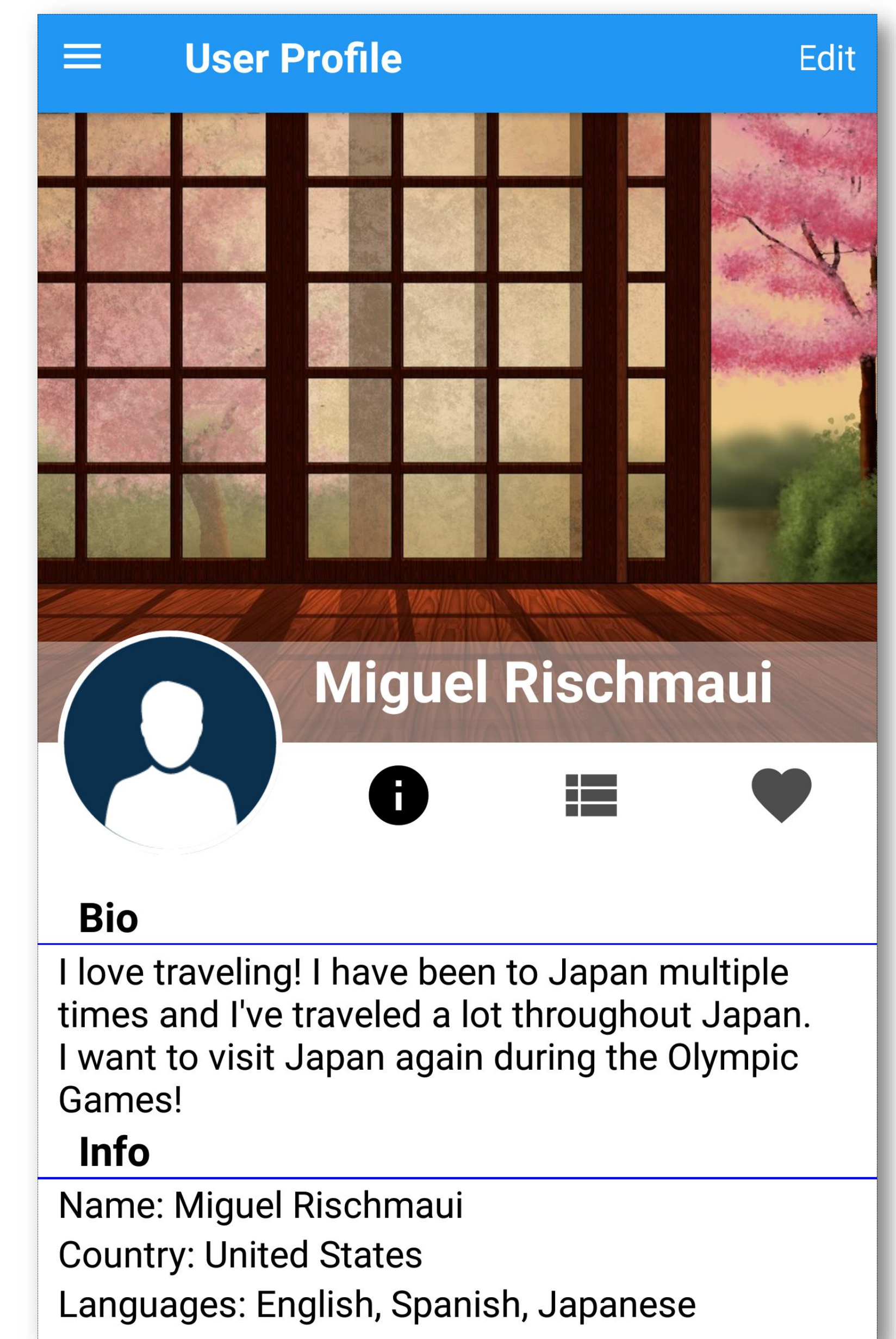
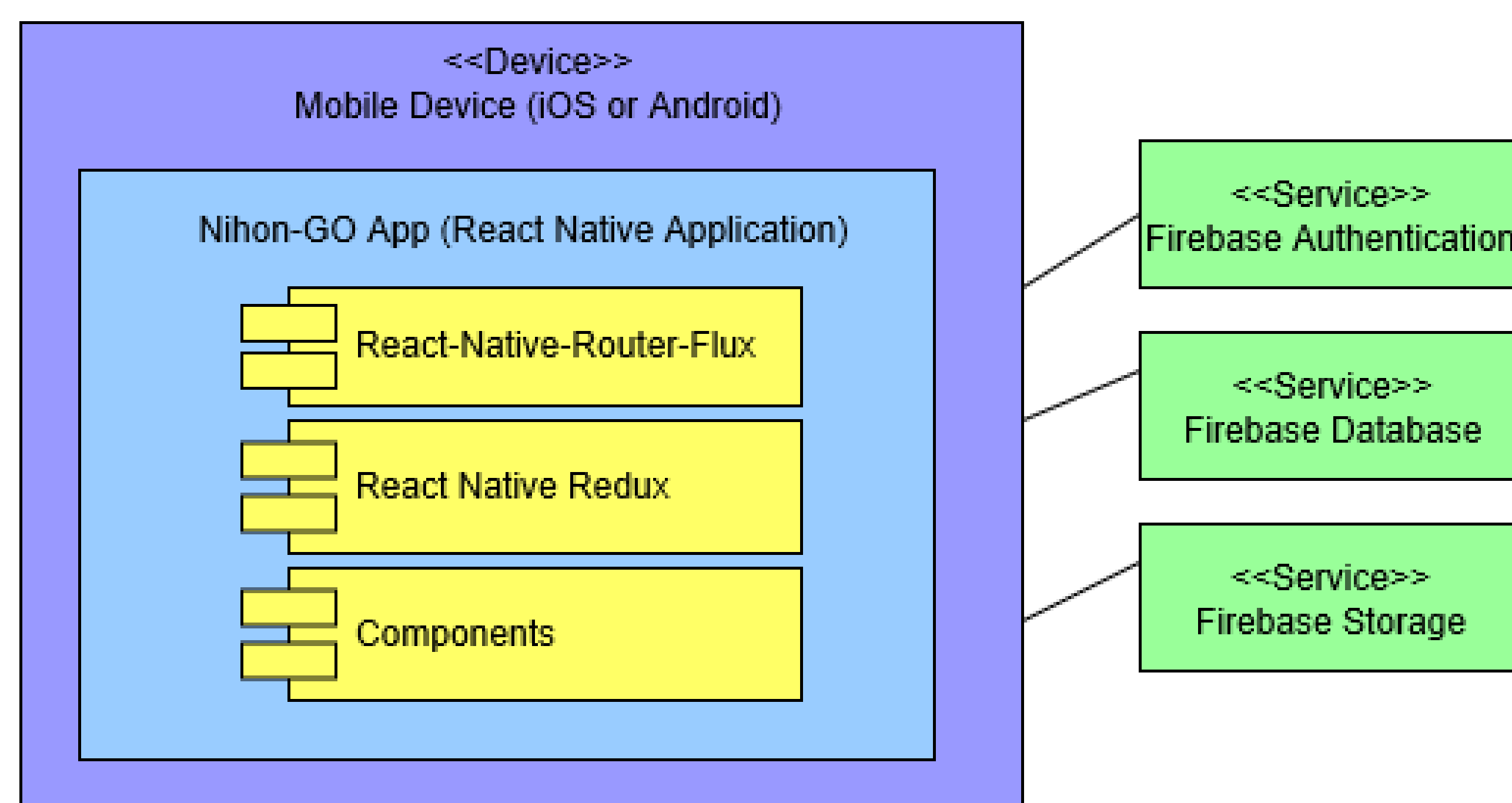


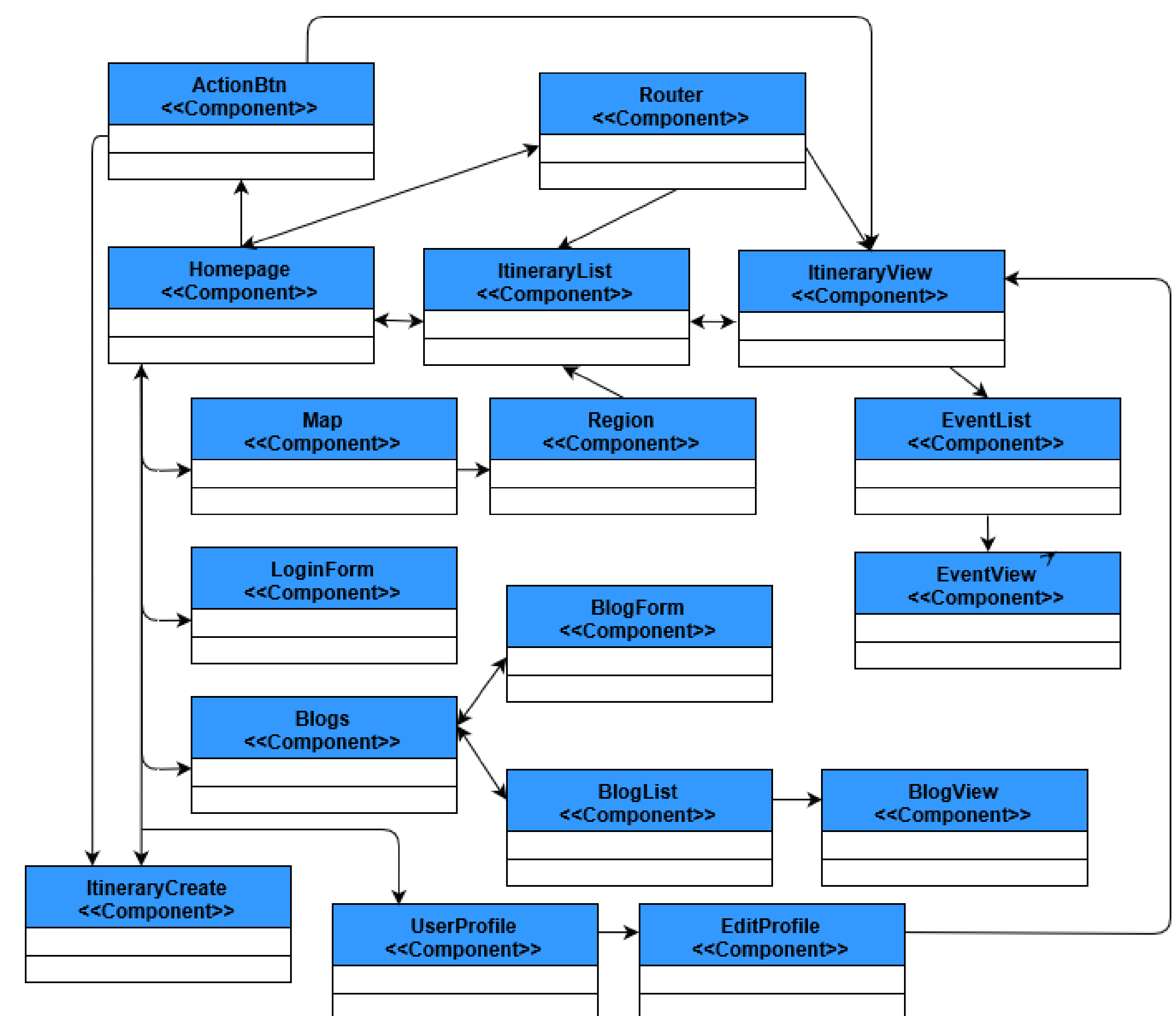
Figure 2

Figure 1: Login form with proper error messages
 Figure 2: User profile that contains user info and itineraries

System Design



Object Design



Implementation

- React Native was used to create a cross-platform application
- Expo was used to provide necessary tools
- Firebase was used for authentication, database, and storage
- Redux was used to maintain a global state and to simplify complexity
- React Native Elements was used to design various components
- Router Flux was used for quick and easy navigation
- Various npm modules were used for efficiency and design

Summary

- User-friendly itinerary application that will be used for Japan
- Works on iOS and Android using React Native and Expo
- Users can find itineraries for various locations
- Customizable user profile allows users to personalize app
- Contains guides for users to get information