

GlobeGuide – A Travel Companion

Description:

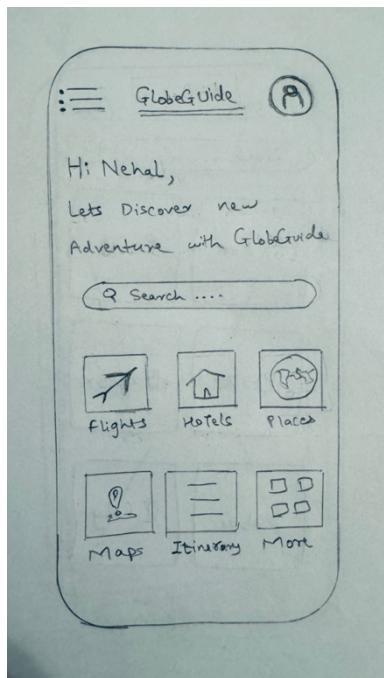
GlobeGuide is a comprehensive travel planning app designed to assist users in organizing their trips seamlessly. The app offers functionalities such as booking flights, hotels, and rental cars, exploring popular travel destinations, getting directions for location using maps and managing an itinerary. GlobeGuide leverages modern SwiftUI for a responsive and intuitive user interface, alongside APIs for fetching travel-related data.

Key features of GlobeGuide include a home screen for easy navigation, dedicated screens for flight, hotel and rental car bookings, detailed places (destination) information, interactive maps for navigation, and a travel itinerary screen to help users plan their trips efficiently.

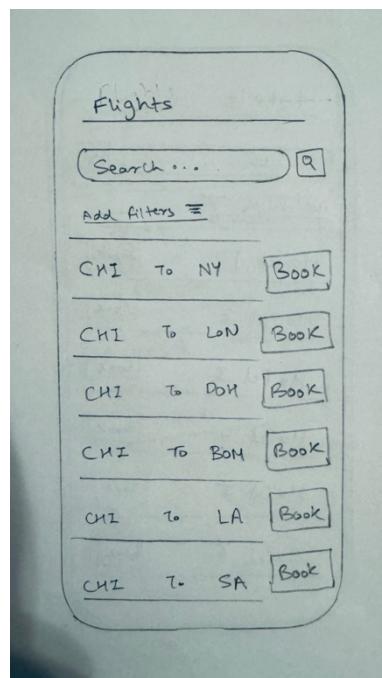
API features and Frameworks used:

- Pexels API
- SwiftUI
- Combine
- MapKit

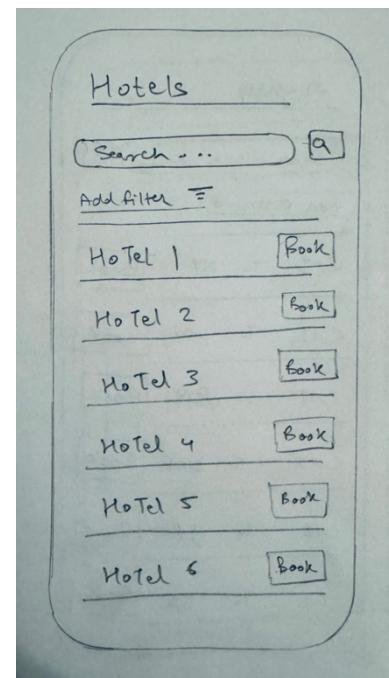
Proposed Screen Design:



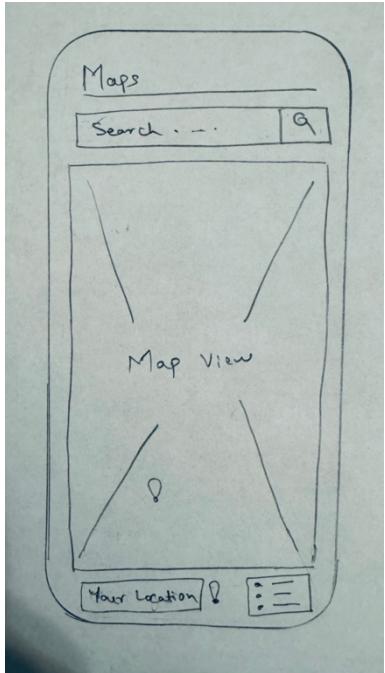
Home Screen



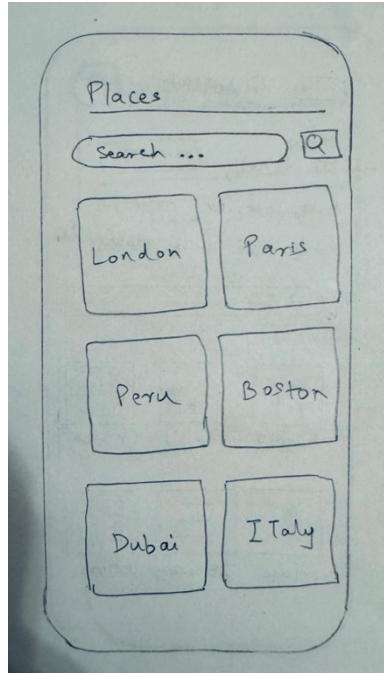
Flight Booking Screen



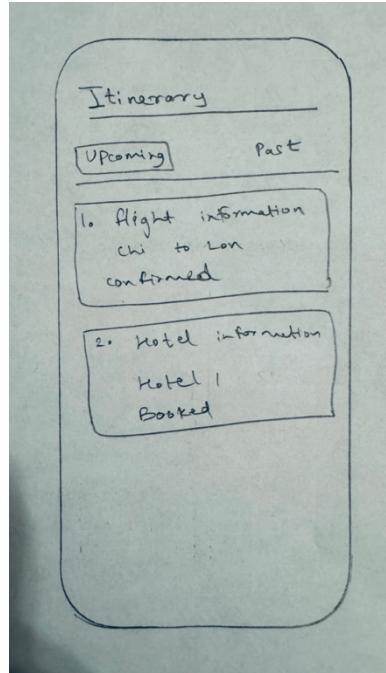
Hotel Booking Screen



Maps Screen



Places Information Screen



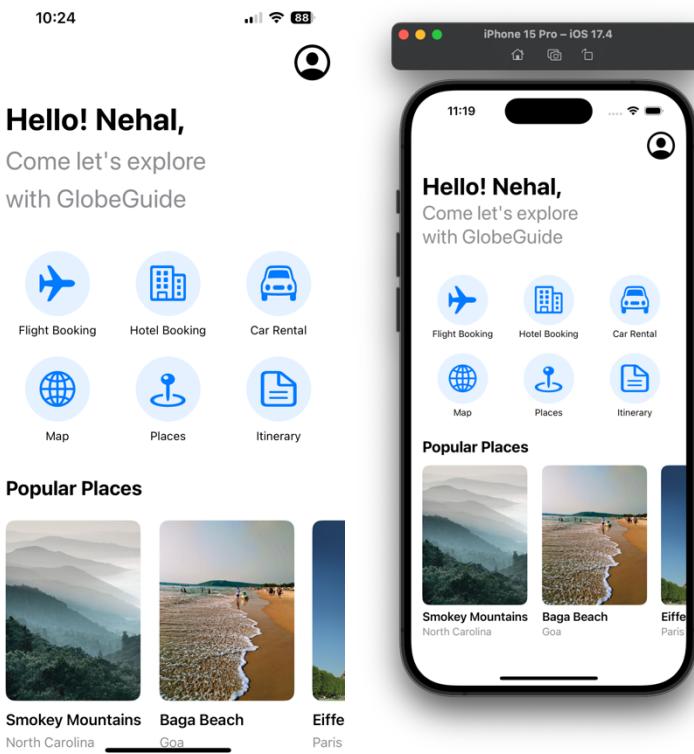
Travel Itinerary Screen

Application Screens:

The application screens are captured through taking screenshots from Iphone 15 pro as well as from simulator.

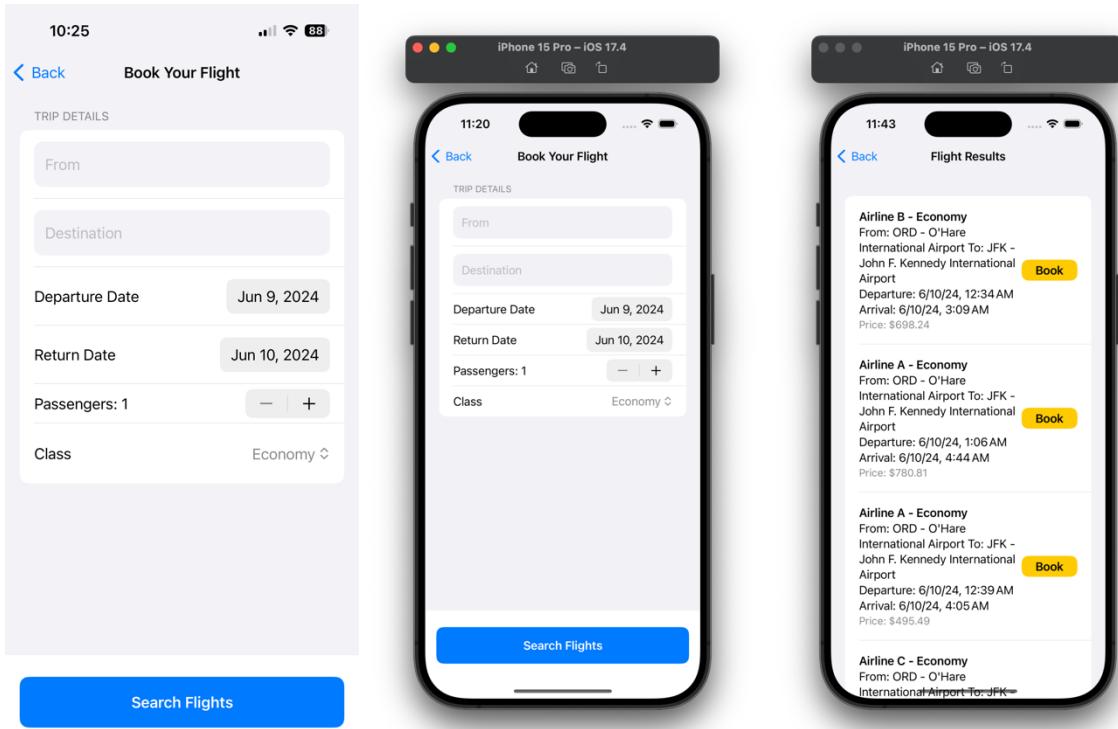
Home Screen:

The HomeScreen is the entry point of the GlobeGuide app. It provides a user-friendly interface to navigate to different sections of the app, including flight booking, hotel booking, car rental, map exploration, popular places, and the travel itinerary.



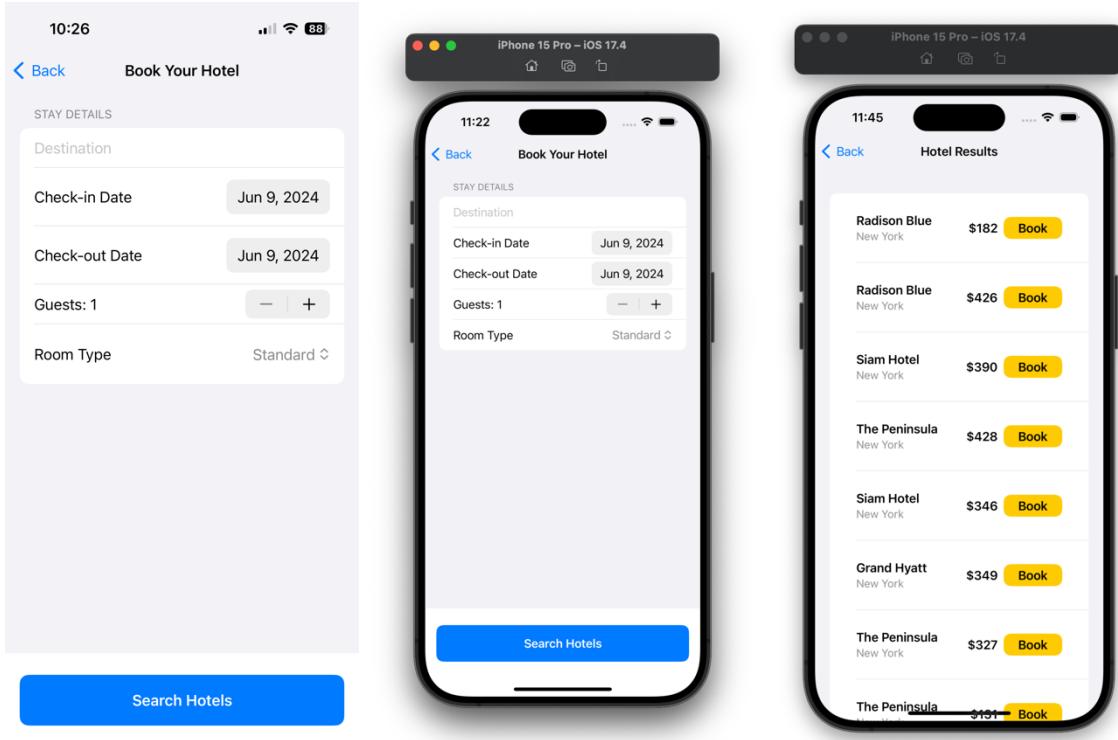
Flight Booking Screen:

This screen allows users to search for flights based on various parameters such as departure and destination cities, dates, number of passengers, and class. This screen also has a sub-screen which displays a list of available flights based on the search criteria entered on the FlightSearchScreen. Users can book a flight from this screen.



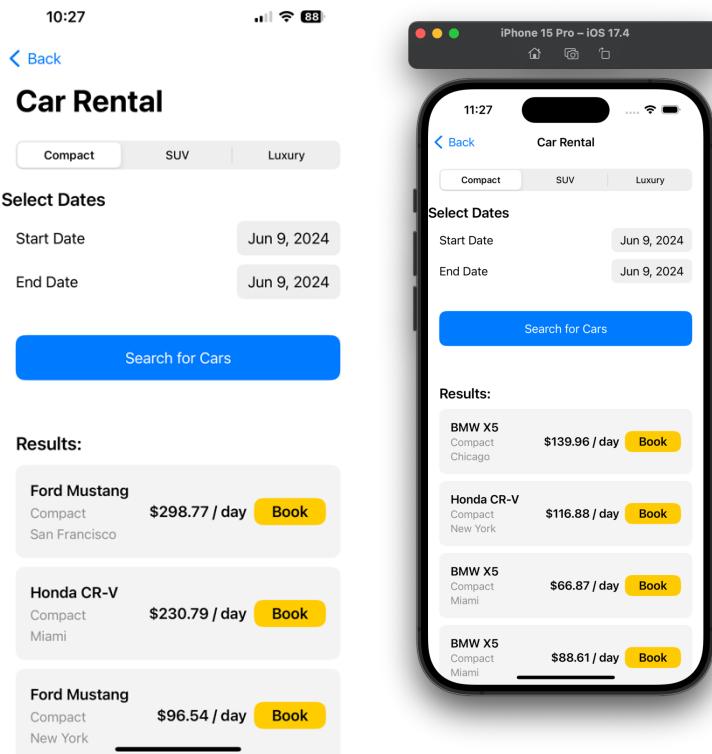
Hotel Booking Screen:

This screen allows users to search for hotels based on the destination, check-in and check-out dates, number of guests, and room type. This screen also has a sub-screen which displays a list of available hotels based on the search criteria entered on the HotelSearchScreen. Users can book a hotel from this screen.



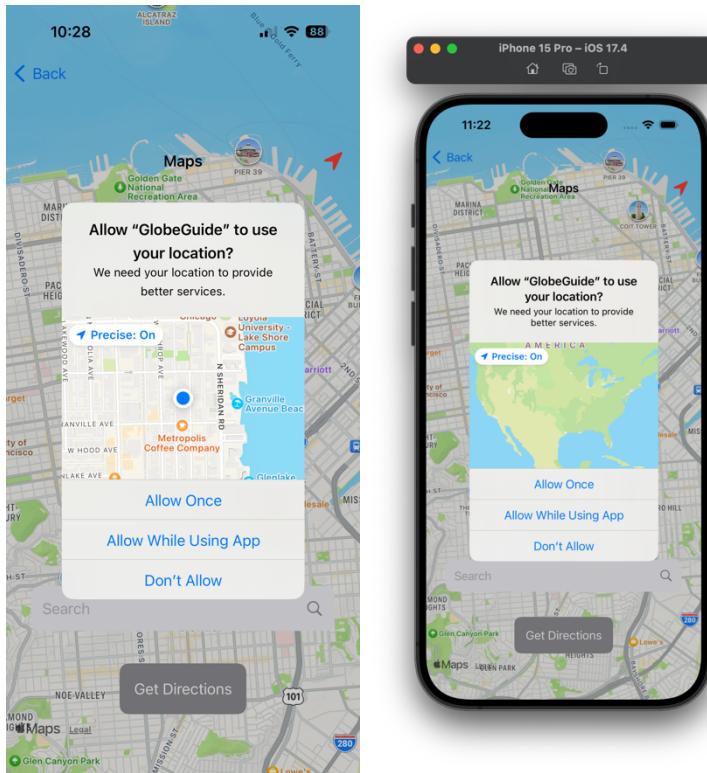
Car Rental Screen:

This screen allows users to search and book for rental cars based on the type, location, and rental dates. A list of available rental cars is displayed based on the search criteria entered on the CarRentalScreen.



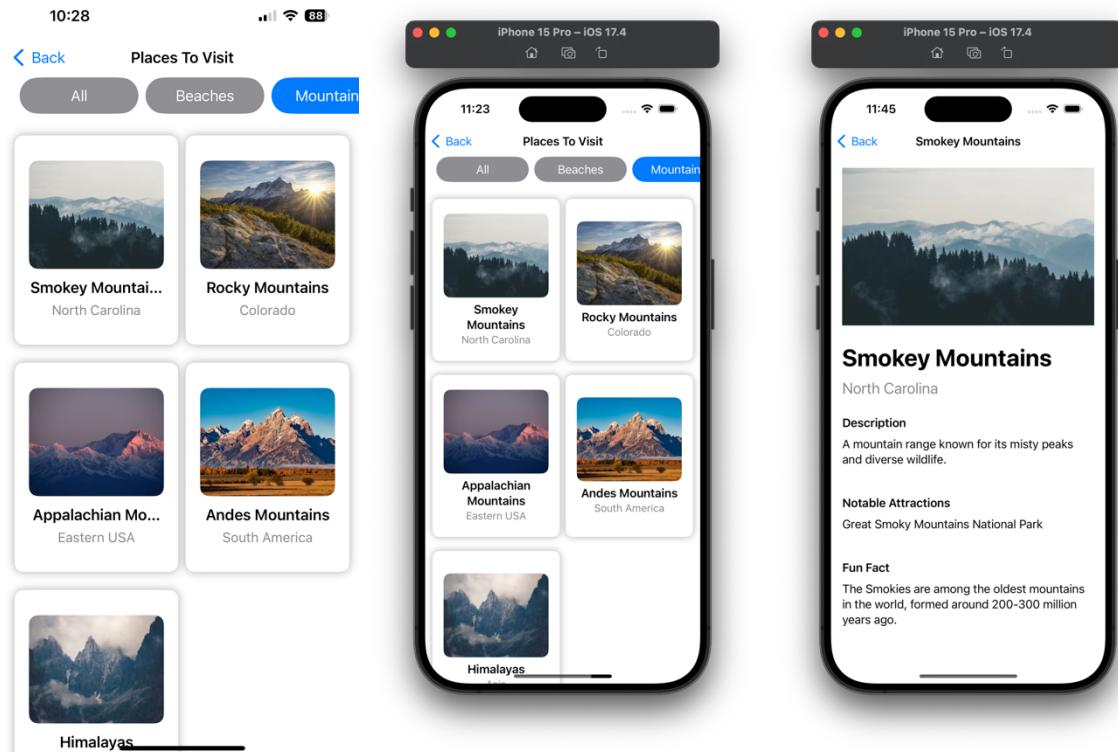
Maps Screen:

This screen allows users to search for locations, view them on a map, and get directions.



Places Information Screen:

This screen allows users to explore popular travel destinations across various categories such as beaches, mountains, cities, and nature. This screen also has a sub-screen which displays detailed information about a selected place, including images, description, notable attractions, and fun facts.



Travel Itinerary Screen:

This screen displays the user's travel itinerary, including booked flights, hotels, and rental cars. Users can view details of their bookings and delete items if needed.

