

Let the Journey begin!



multicampus



Travel Planner

Capstone Project - Group C6



About us



Group C6

Trần Việt Long - *Leader/Frontend*

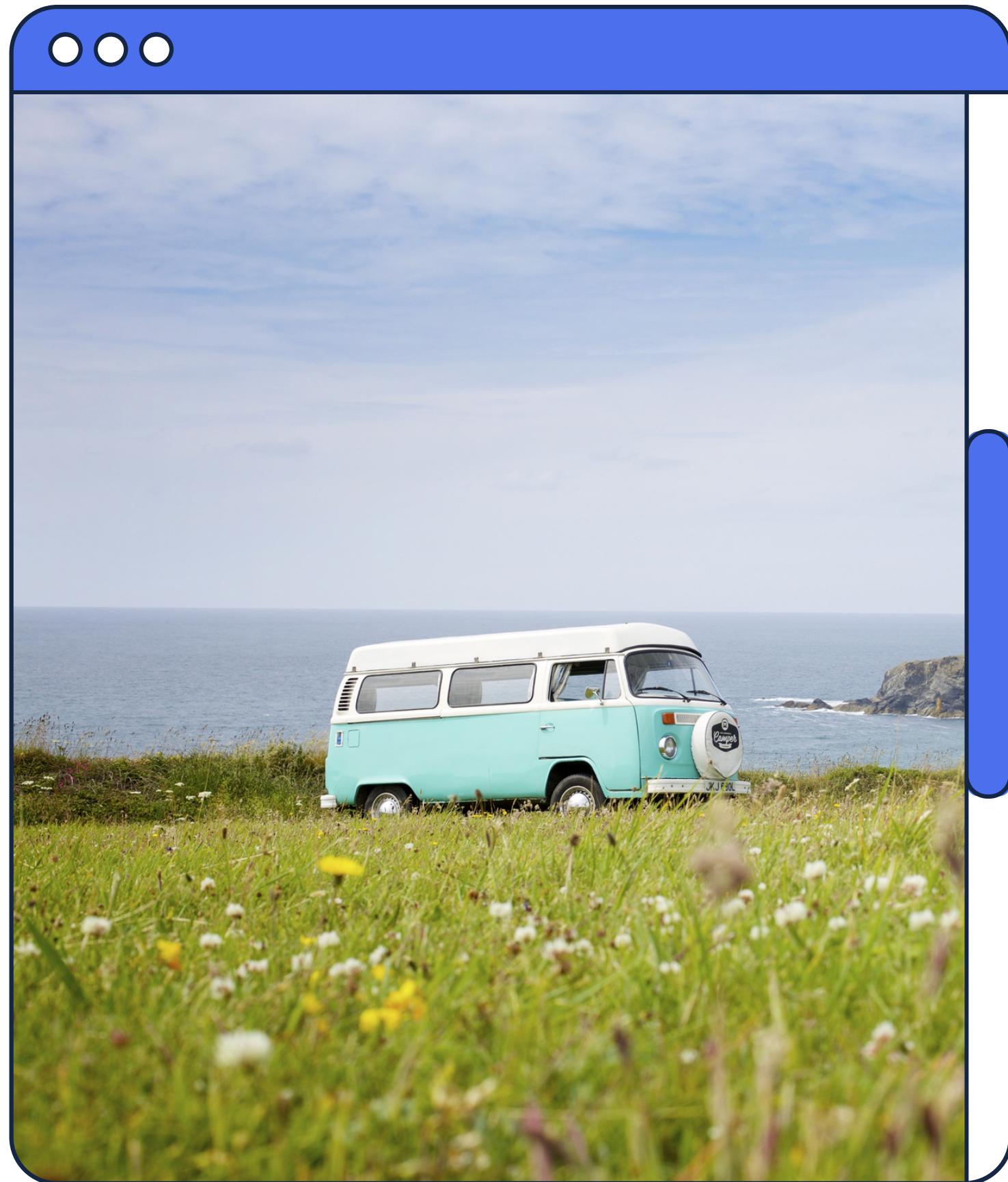
Nguyễn Phúc Tuệ - *Backend*

Vương Duy Hiếu - *Backend*

Đỗ Minh Hoàng - *Frontend*

Table of Content

1. Overview
2. Objectives and Scope
3. System Architecture
4. App Demo
5. Future Enhancements





The Travel Planner logo, featuring three colored dots (blue, teal, and dark blue) above the text "travel planner".

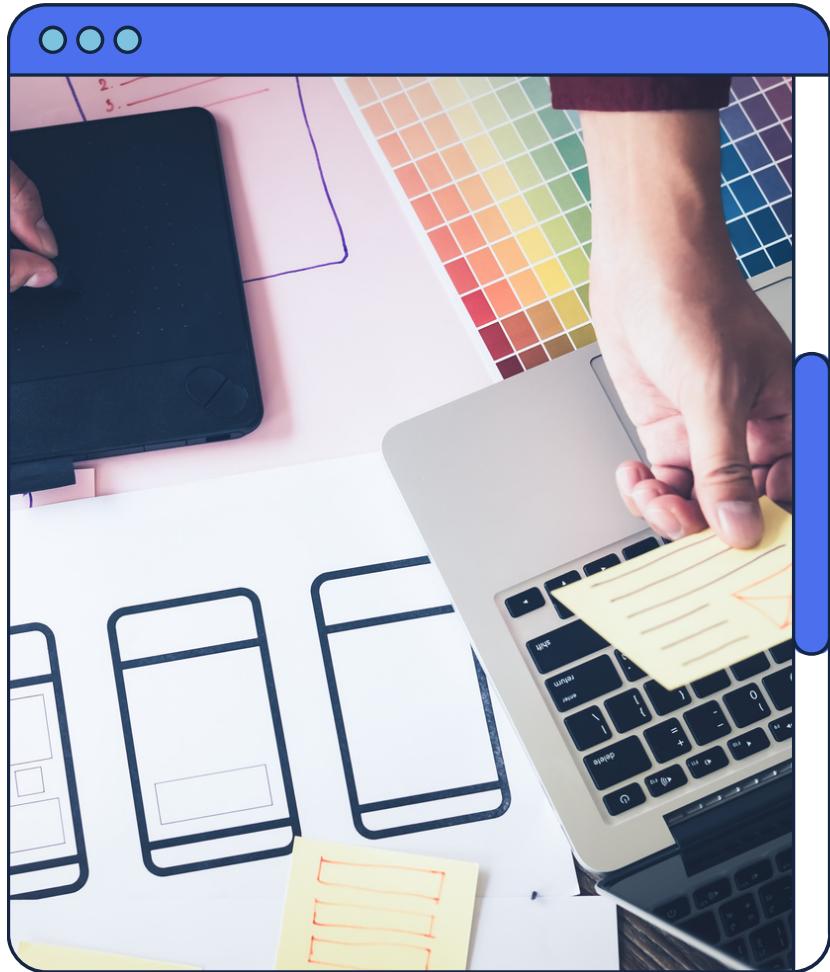
Three circular navigation icons are positioned at the top left, top center, and bottom right of the slide area.

1 - Overview

- Problem
- Tech Stack
- Functionality
- Planning Process

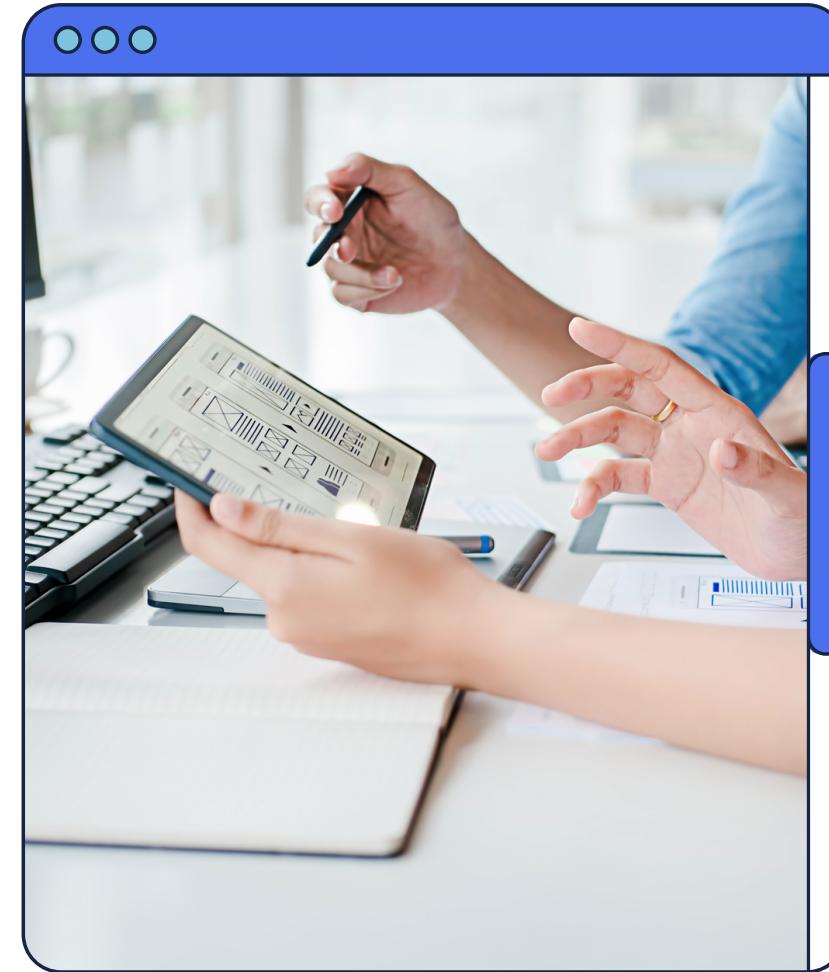


Problem & Challenge



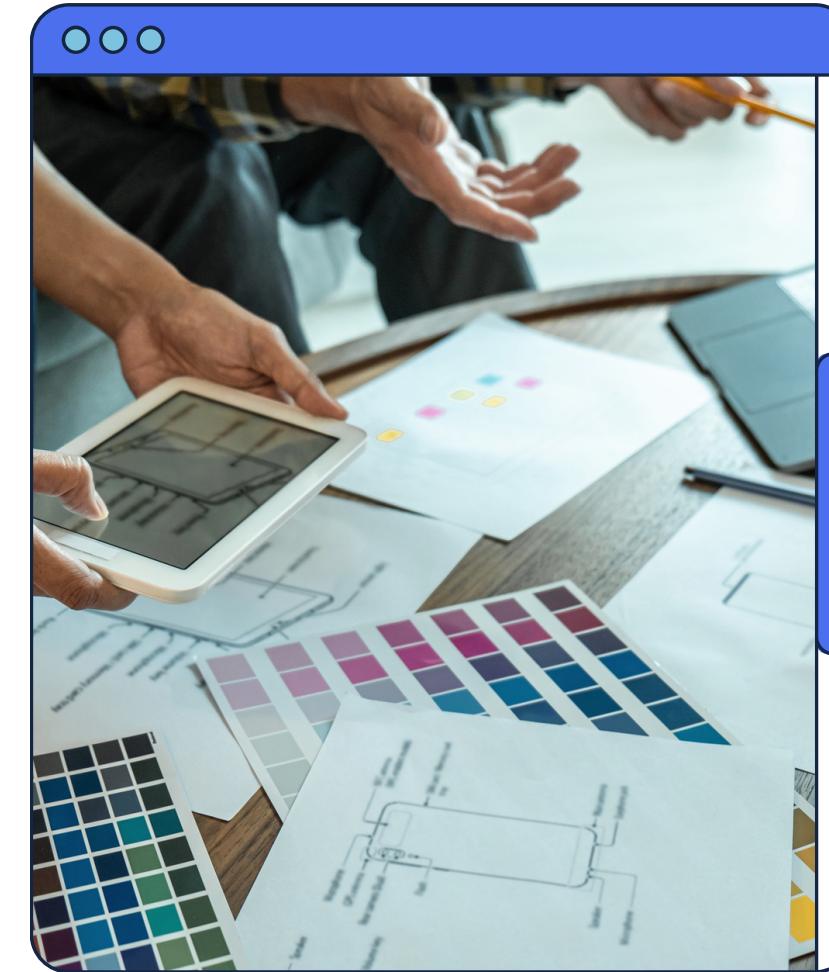
Fragmented Planning Process

Traditional travel planning involves multiple platforms
-> **Time-consuming**



Decentralized Information

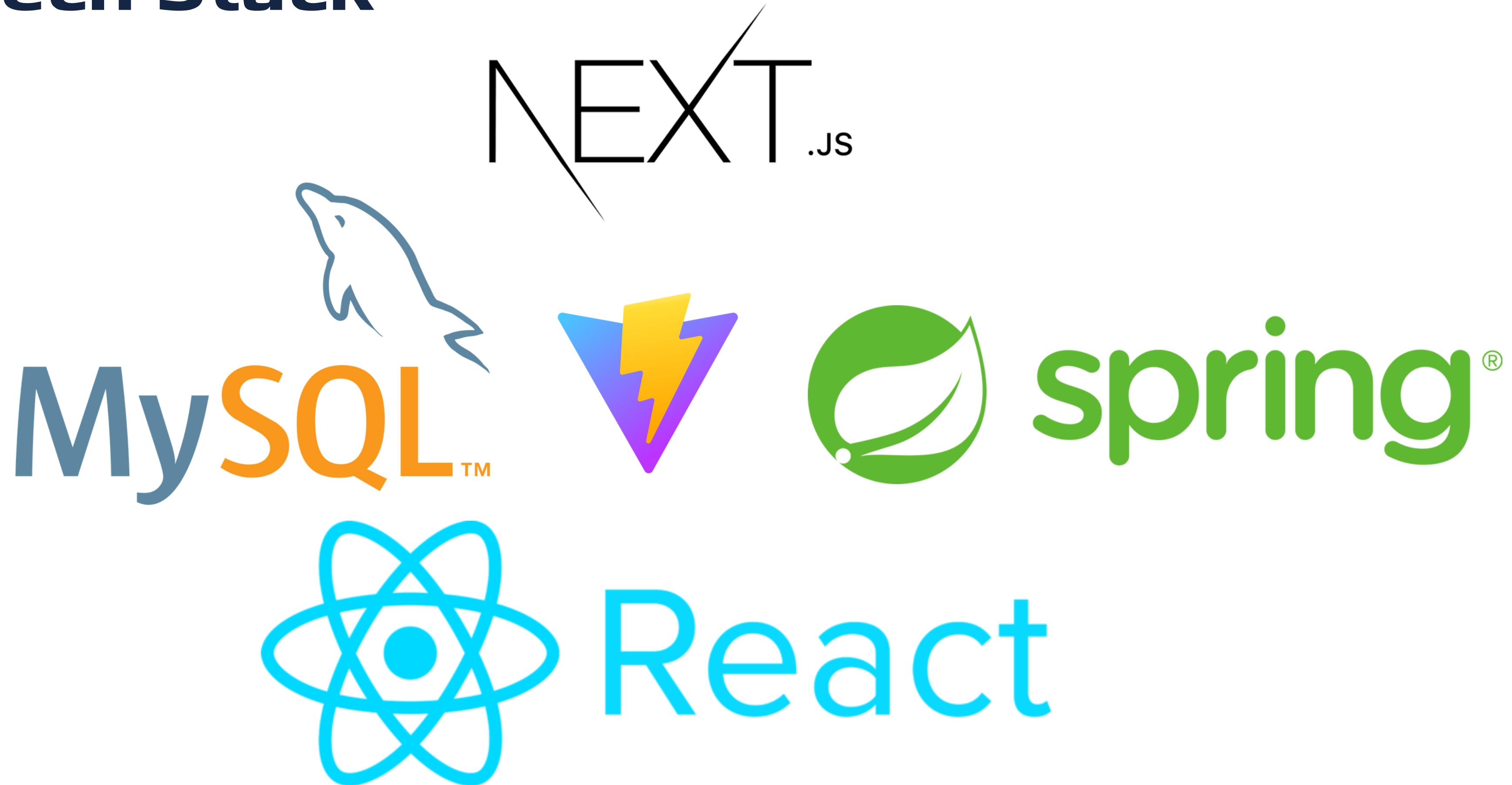
Travelers struggle to find and organize all travel information in one place
-> **Hard to manage**



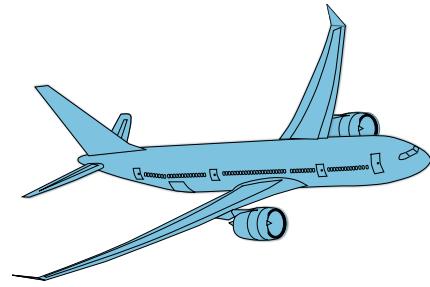
Sharing difficulties

Collaborating and sharing travel plans are difficult
-> **Complicated to plan with other people**

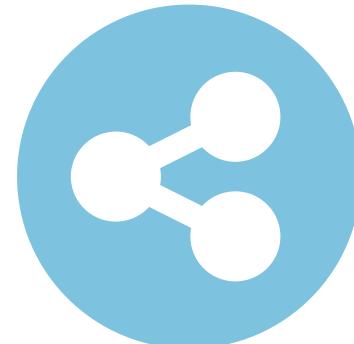
Tech Stack



Functionality



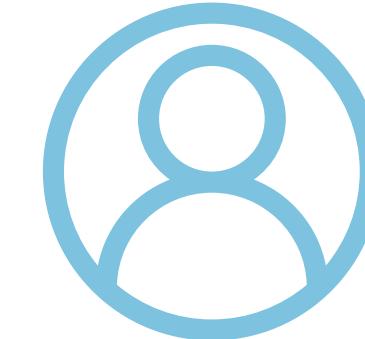
Trip
Management



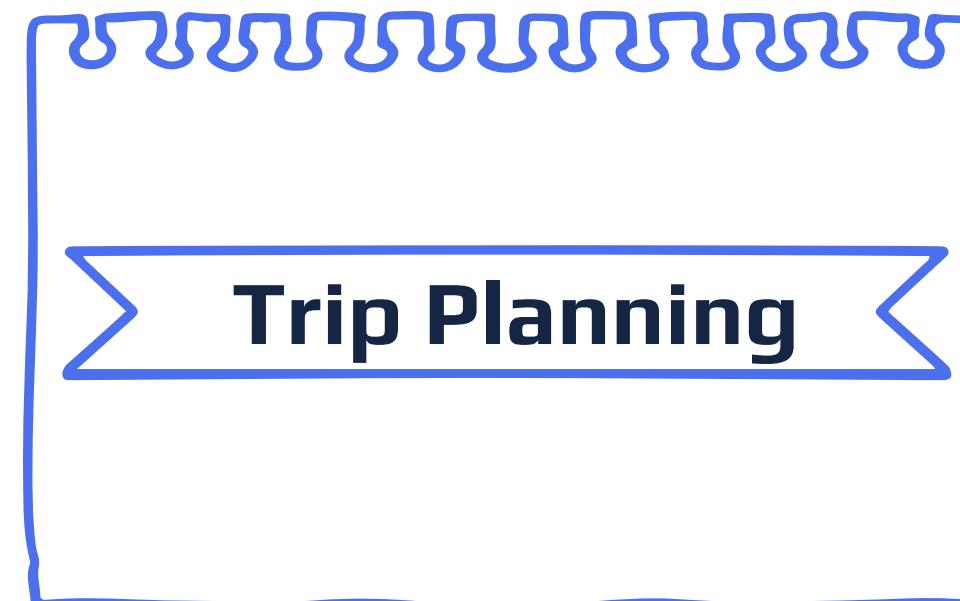
Trip Sharing and
Collaboration



Activity
Management

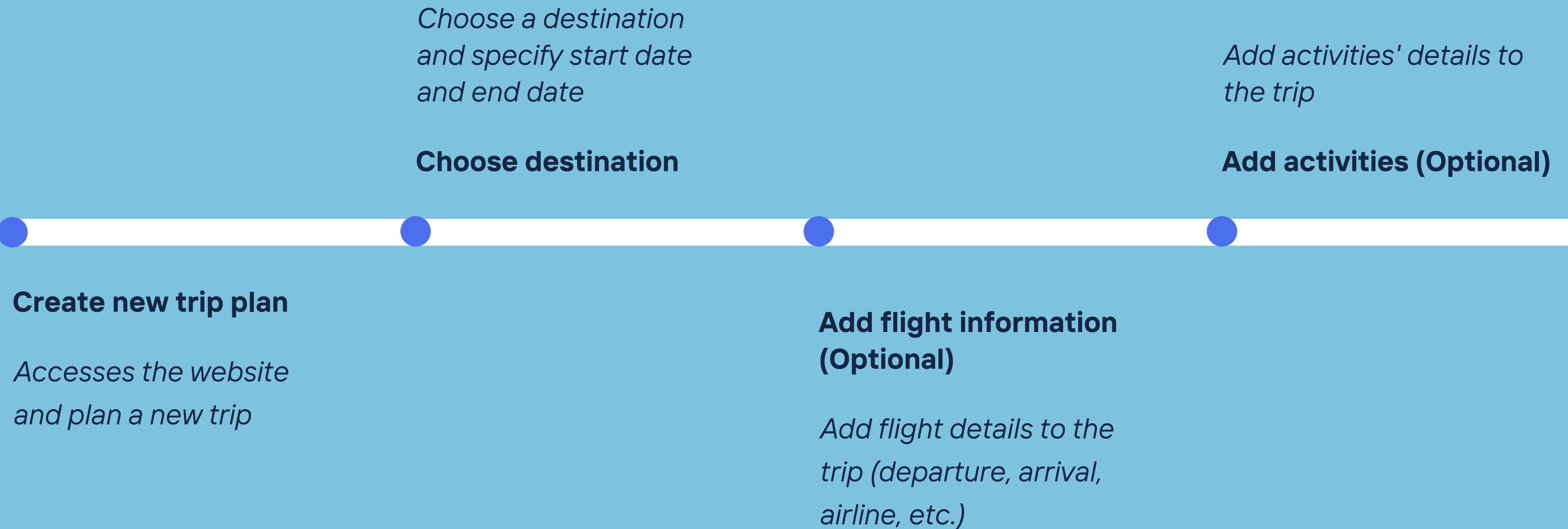


Account
Management





Trip Planning Process



2 - Objectives and Scope



Goals



1

Optimize time and efficiency

Reduce the time spent as all the planning steps are included in one platform

2

Simplify the planning process

Make it easy to find and manage all trip details without confusing

3

Personalize travel activity

Provide customization options to users based on their preferences

4

Foster sharing and collaboration

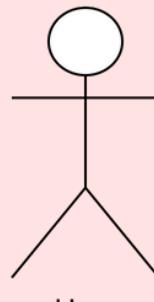
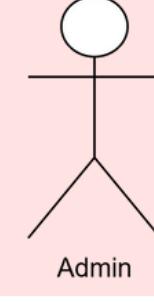
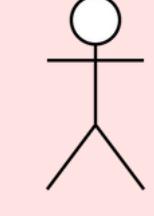
Enable users to share their plans with others and/or collaborate with others to make a perfect plan



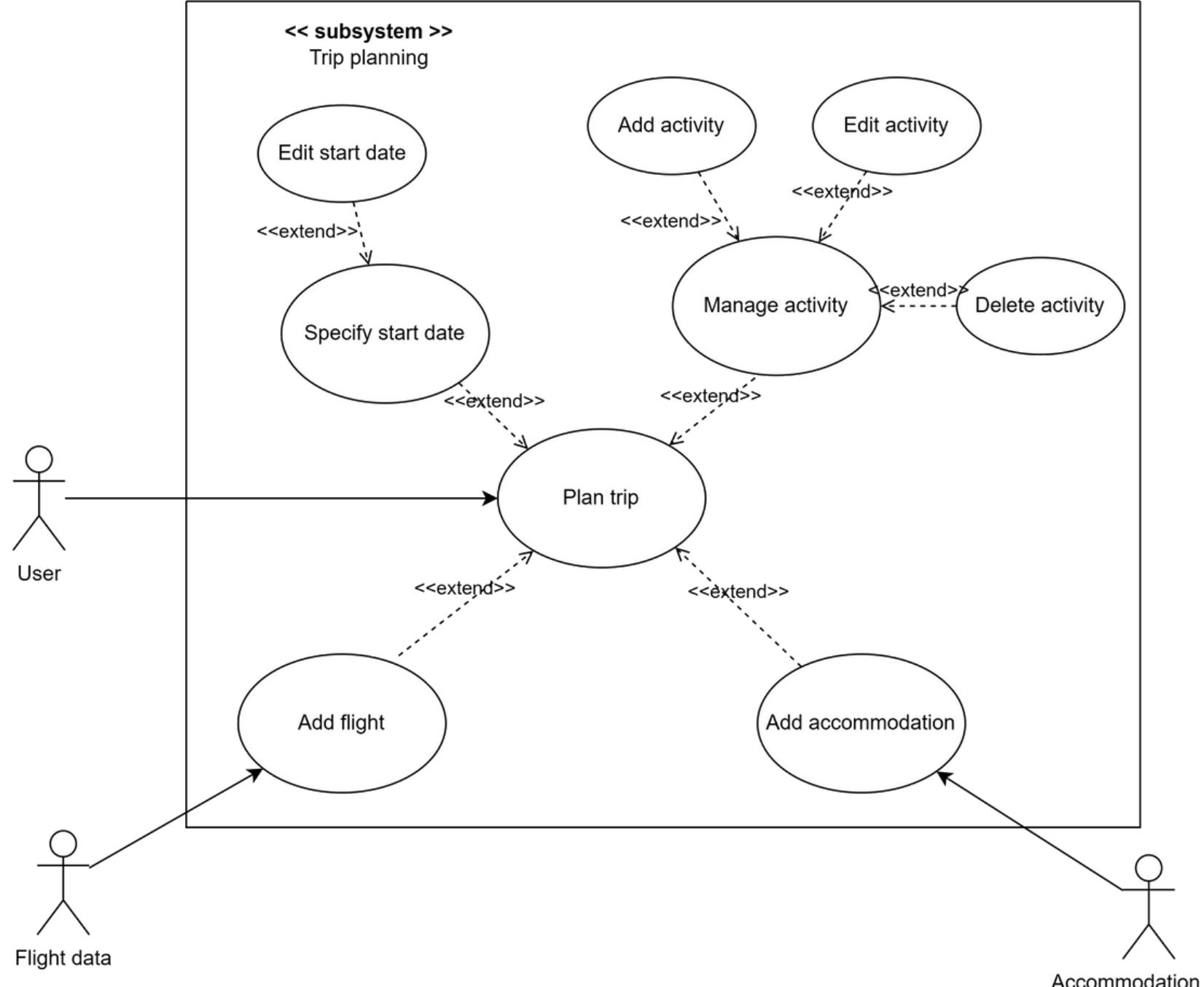
3 - System Architecture



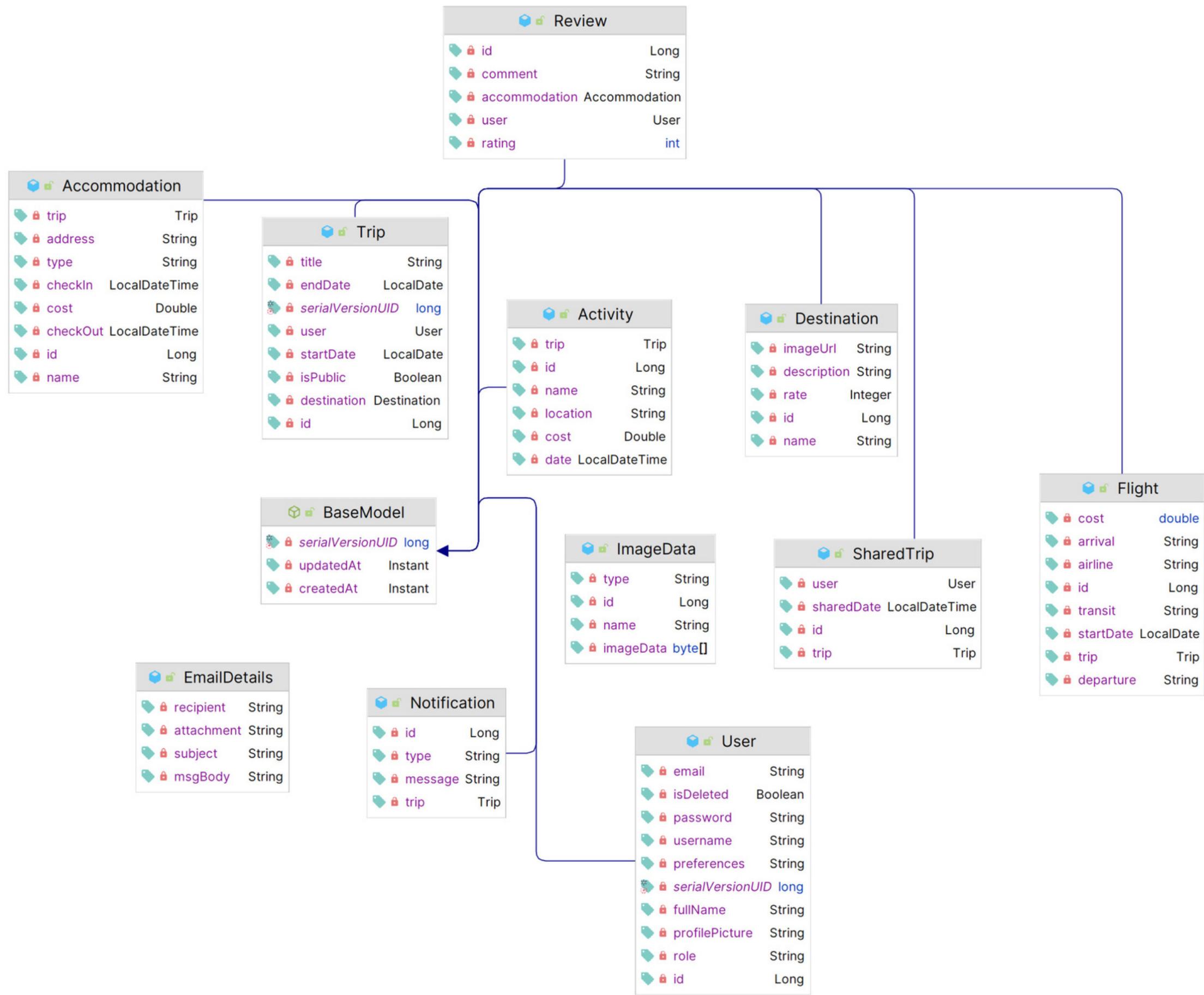
Actors

No.	Actor	Function
1	 User	Users can see the destination, flight, and activity they created on the website. They can see their trip's details and share with others.
2	 Admin	Admins can manage user accounts, see the statistics of destination, flight, and activity.
3	 Flight data	Flight data can add, update, and delete flights.
4	 Accommodation data	Accommodation data can add, update, and delete accommodations.

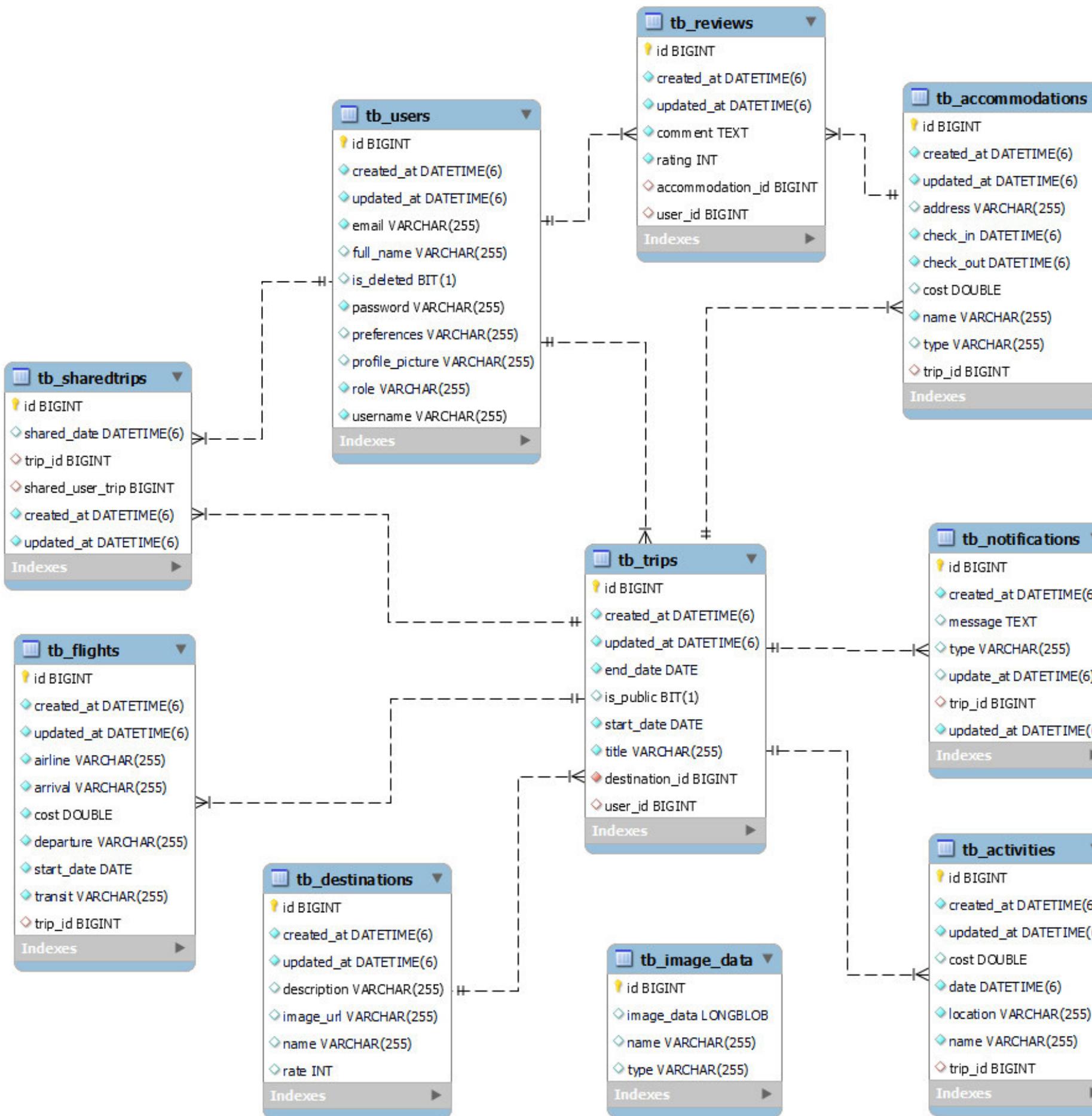
Use Case Diagrams



Class Diagram



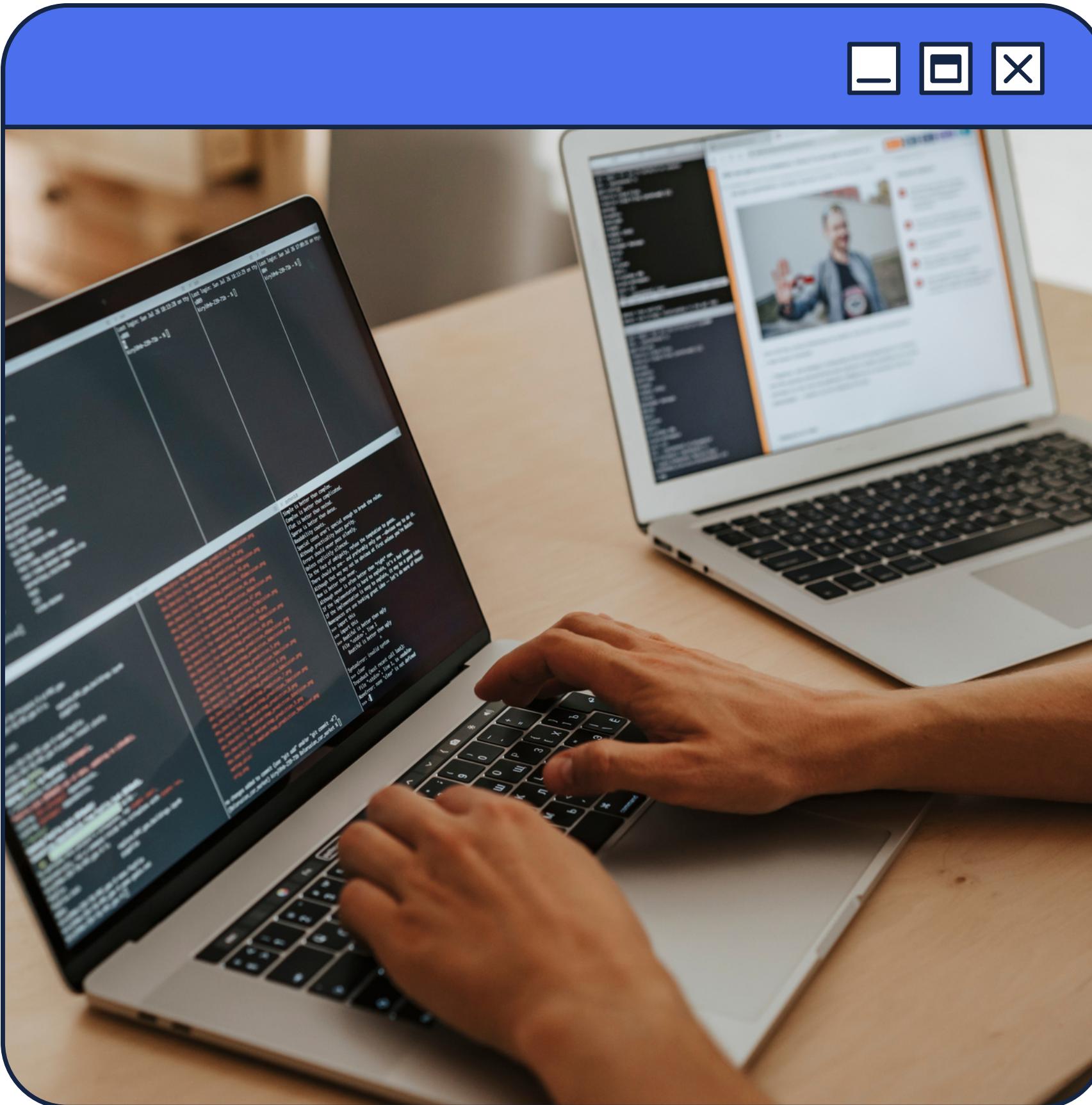
Entity Relation Diagram





4 - App Demonstration





5 - Future Enhancements

Limitations &
Potential future features



↙ Limitations

Due to time limit, some functions have not been developed as planned, like add Comments, login with Gmail, integrate third-party APIs and real-time flight data, etc.

Booking Function

Book plane tickets, make reservation, etc.

Weather forecast

Display weather forecast at destination

AI analytics

Integrate AI with users' preferences to give appropriate suggestions

Future Enhancements



