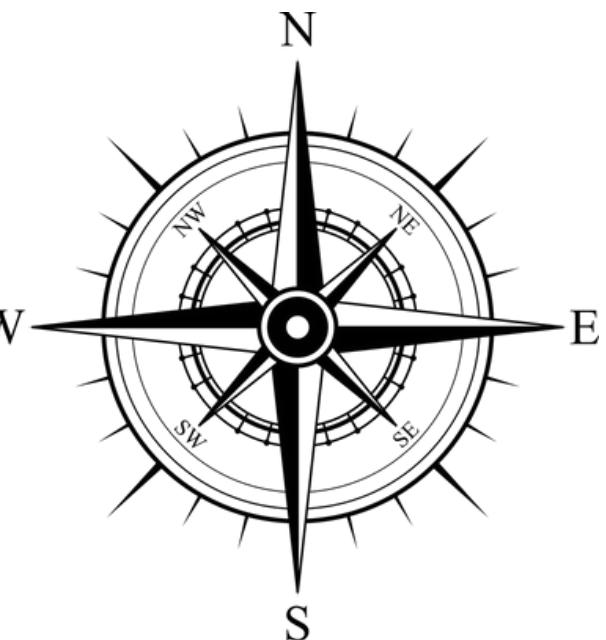




Summer Internship Project On

TOUR SPHERE : EXPLORE WITH EASE

NEERAJA GOLI (111723039147)

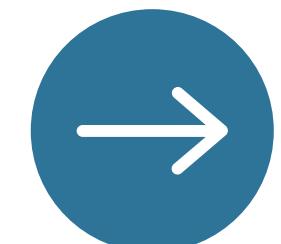




OBJECTIVE

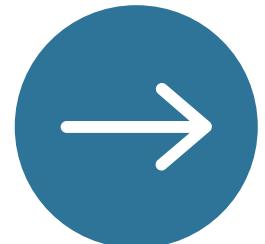
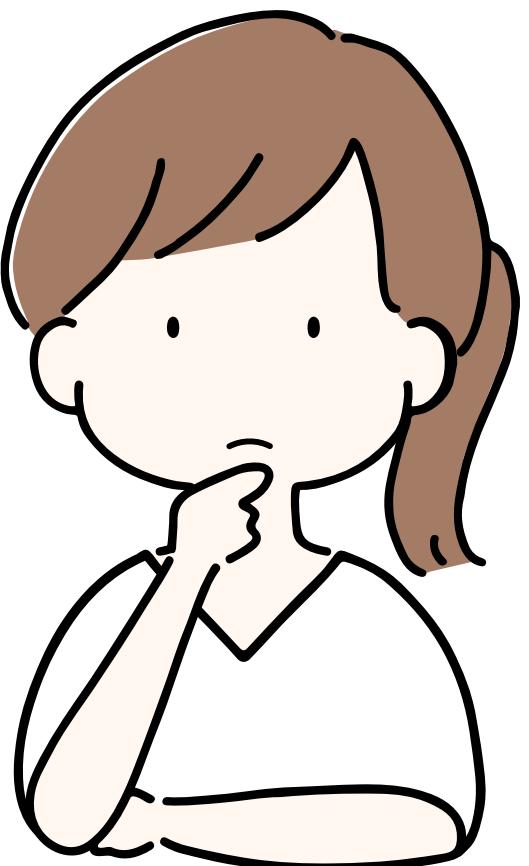
To enhance travel planning and management by:

1. Providing seamless exploration of curated travel packages with detailed information on destinations, food preferences, and pricing for adults and childrens.
2. Offering a secure and user-friendly booking system with precise package price calculations for users.
3. Equipping administrators with robust tools for managing users, bookings, destinations, and pricing through dynamic and seasonal updates.



EXISTING SYSTEM:

- Traditional travel management system projects focus on providing basic functionalities for users to search, view, and book travel packages. These systems typically offer a static list of destinations
- Admin control is often limited to manually updating destination details without advanced features like users booking history's or dynamic package suggestions.





PROPOSED SYSTEM:

The proposed “**Tour Sphere : Explore with Ease**” offers an integrated platform with live location detection for suggesting nearby destinations.

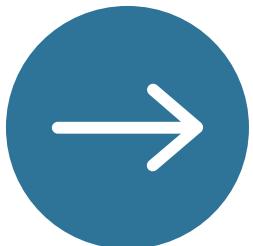
Users can view, book, and manage travel packages seamlessly, while admins can add, modify, or delete packages. Features include user registration and efficient JSON-based database management, providing a user-friendly and dynamic travel experience.

User & admin management with login, booking history, and package control.

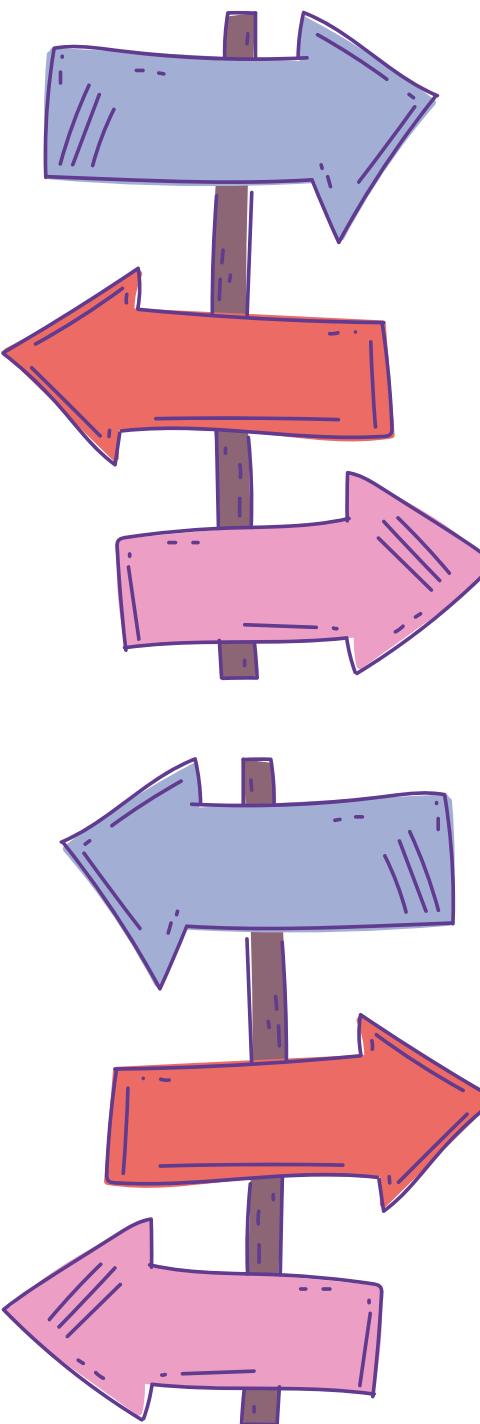


SYSTEM OVERVIEW

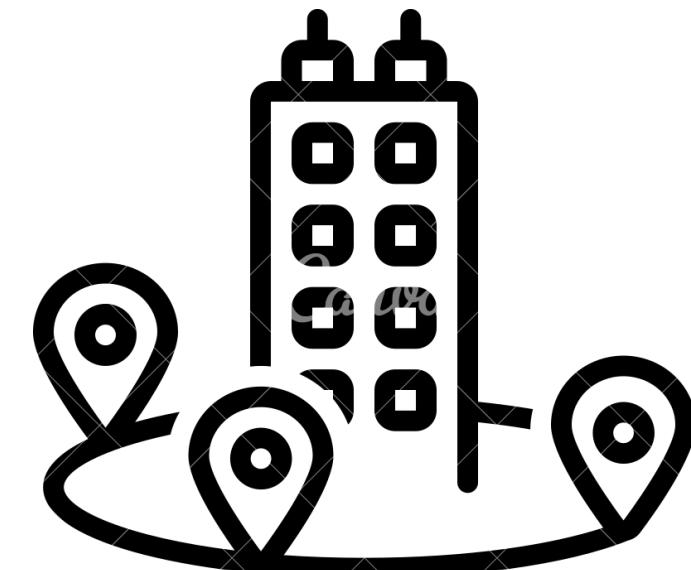
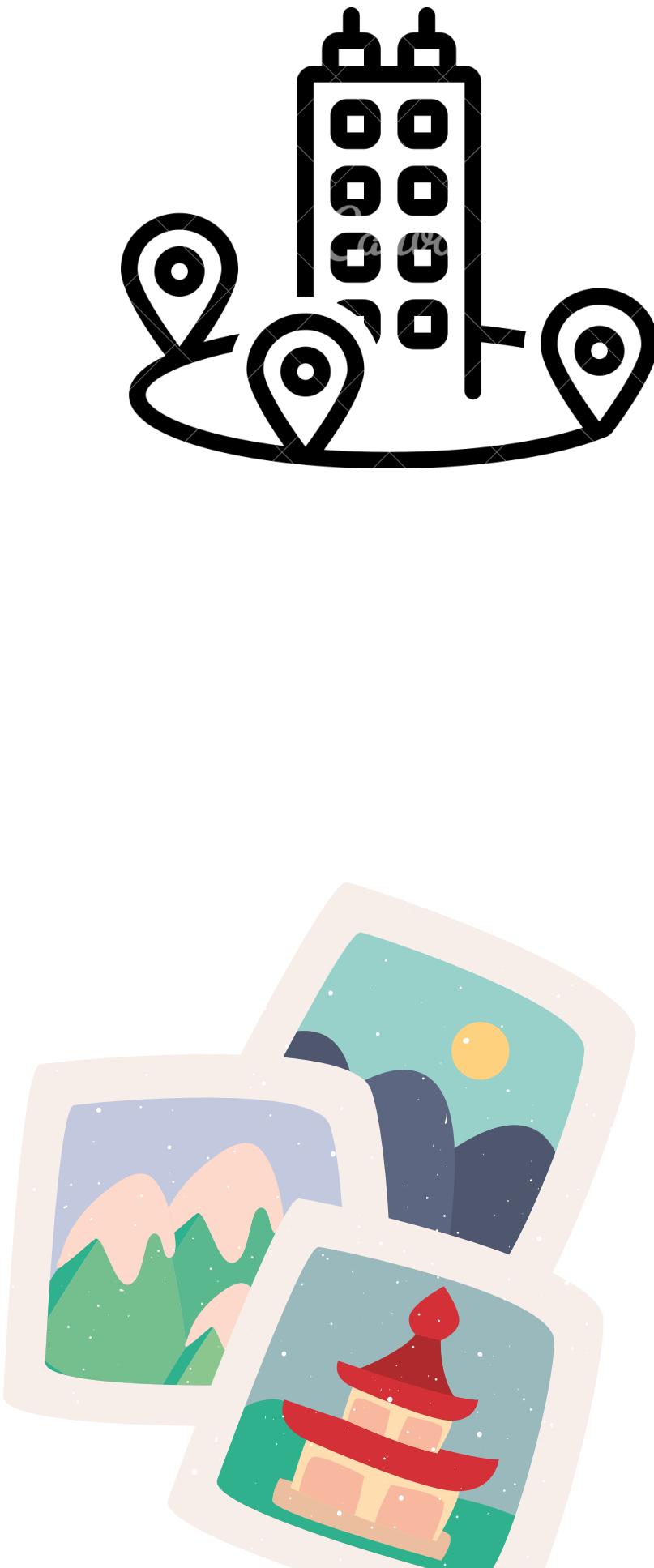
- Language – **Python**
- Framework- **Flask**
- User Interface: A responsive and intuitive web UI as **HTML and CSS**
- Admin Interface: **CURD**(Create, Read, Update, and Delete) on destination packages and view the list of users who have booked trips.
- Database Integration: **JSON** to store user credentials, admin credentials, packages that are added by admin and booking history .



KEY FEATURES:

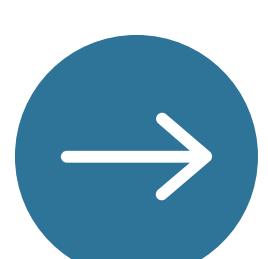
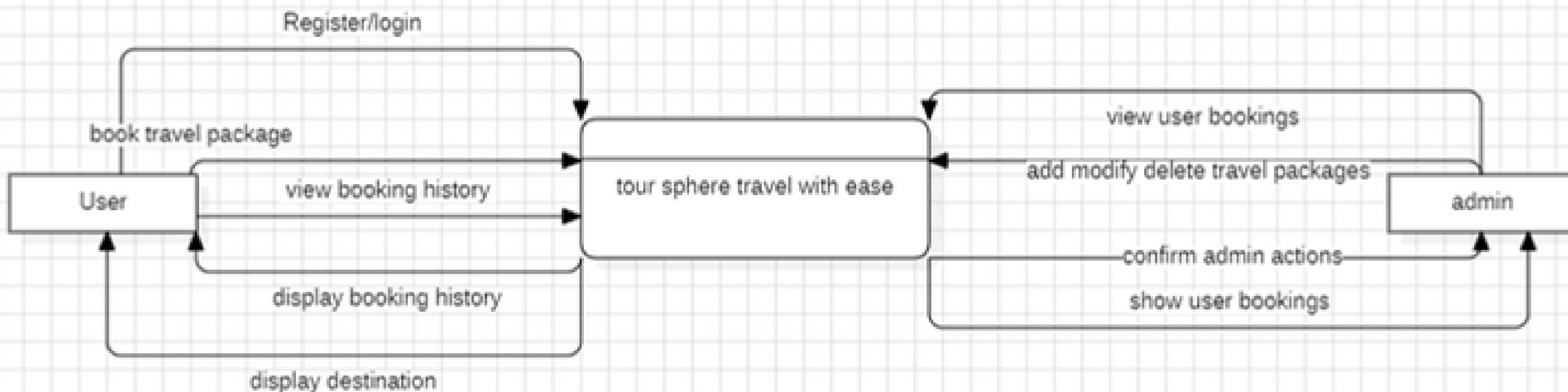


1. Explore Destinations
 - Users can browse through all available travel destinations on the website.
2. User Registration & Login
 - Secure registration and login system to access booking functionalities.
3. Package Booking
 - Users can book travel packages after logging in.
 - Booking details include the package, number of people, and preferences.
4. Booking History
 - Comprehensive history of bookings visible to both users and the admin.
5. Admin Panel
 - MANAGE TRAVEL DETAILS (ADD, UPDATE, DELETE PACKAGES).
 - View all bookings made by users.
6. Live Location-Based Recommendations
 - Show destinations near the user's live location in a "nearest to me" manner.
 - Enable users to discover travel options around their current location.



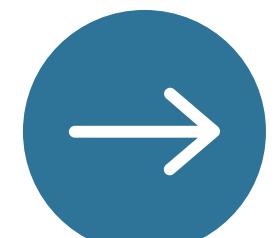
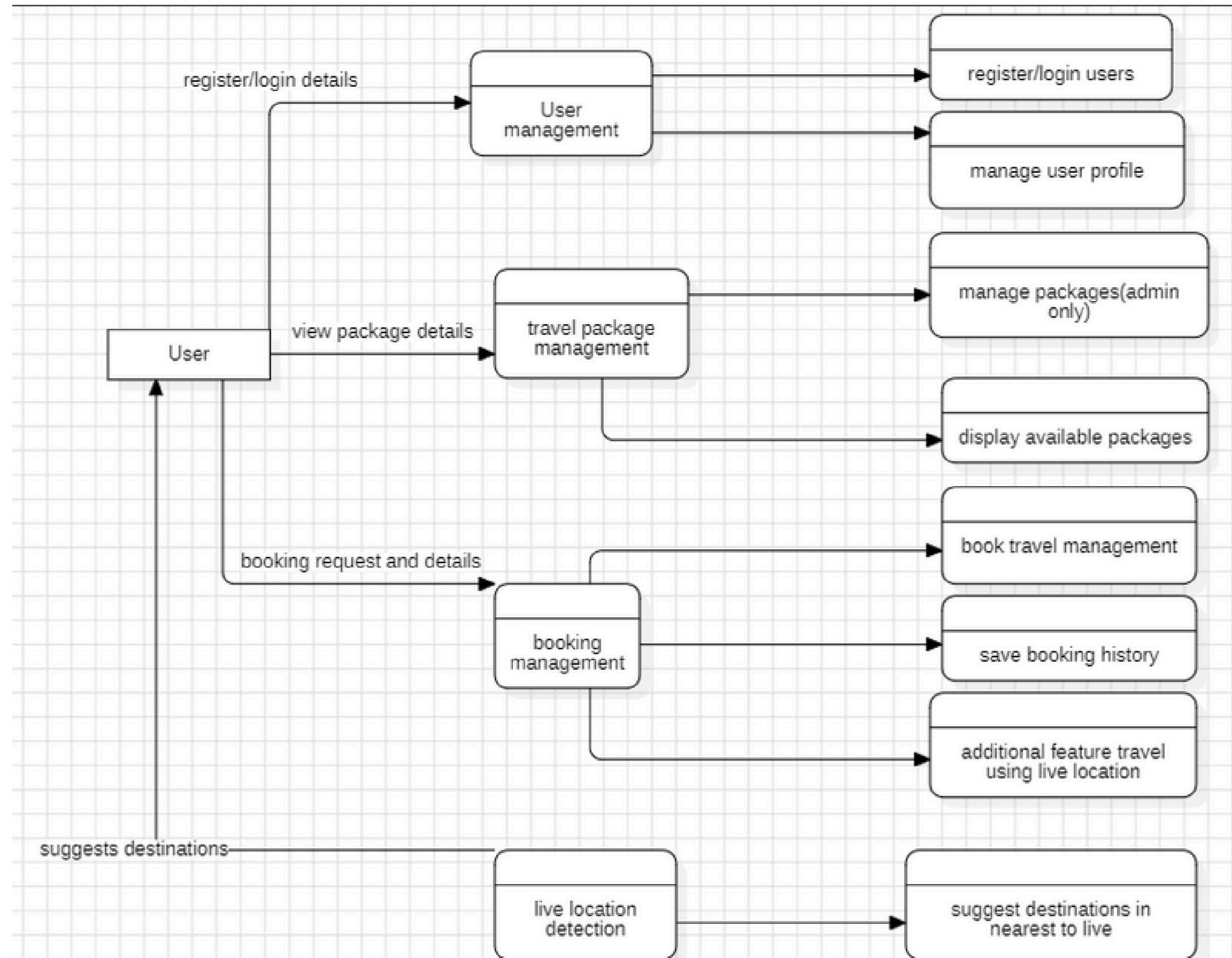
DFD(DATA FLOW DIAGRAMS)

Level - 0



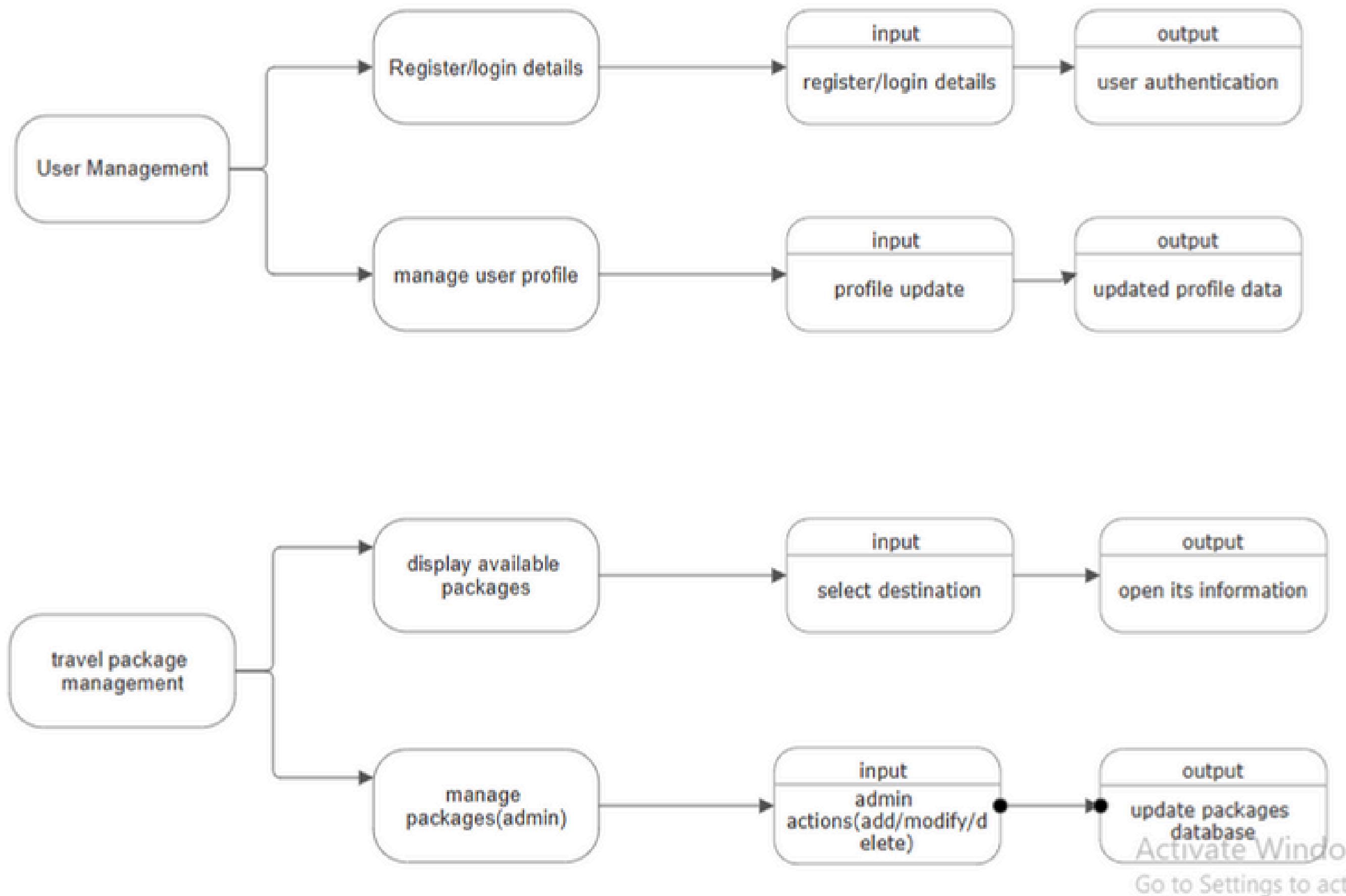
DFD(DATA FLOW DIAGRAMS)

Level - 1



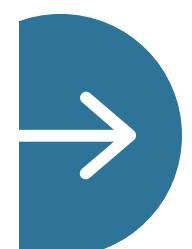
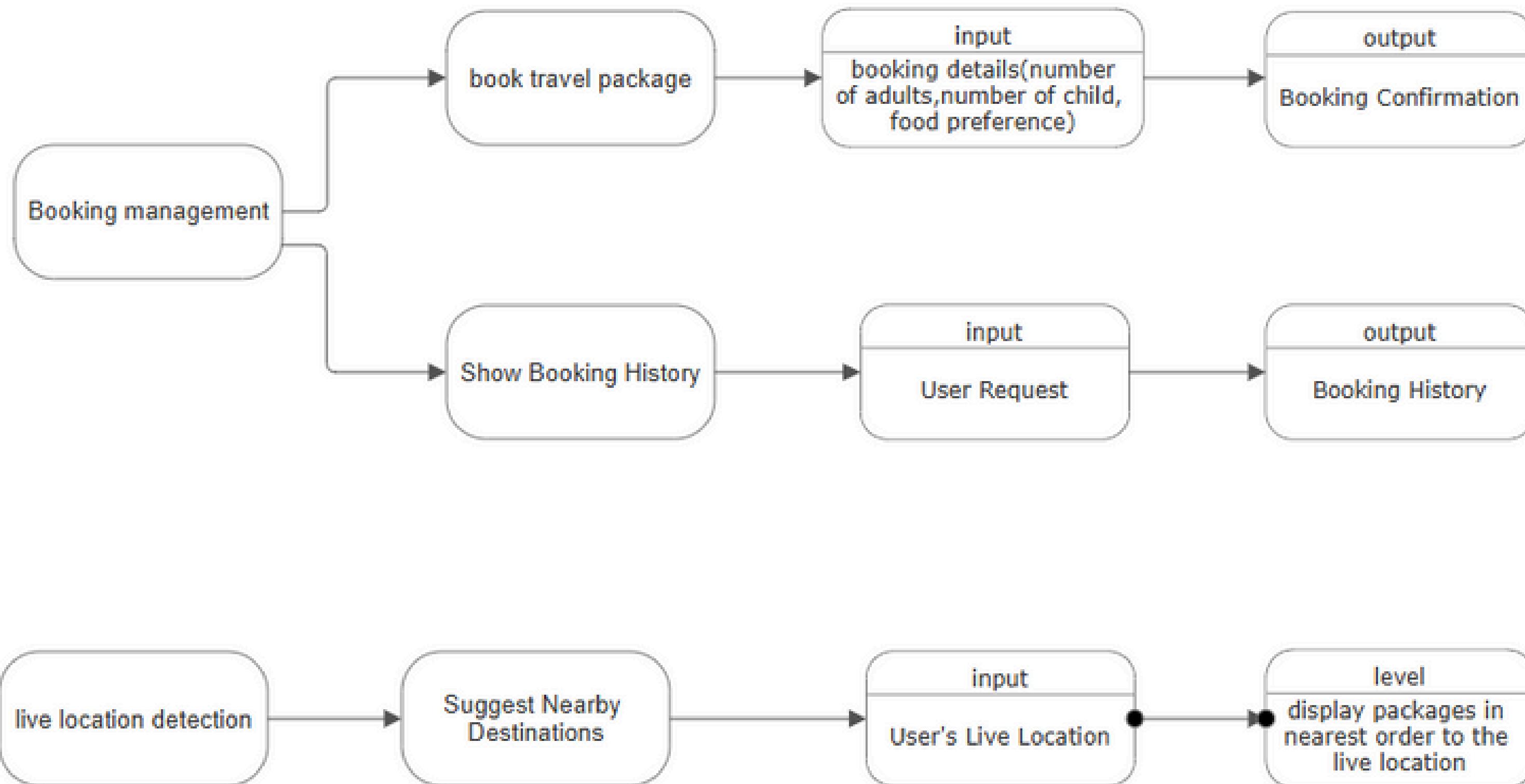
DFD(DATA FLOW DIAGRAMS)

Level - 2

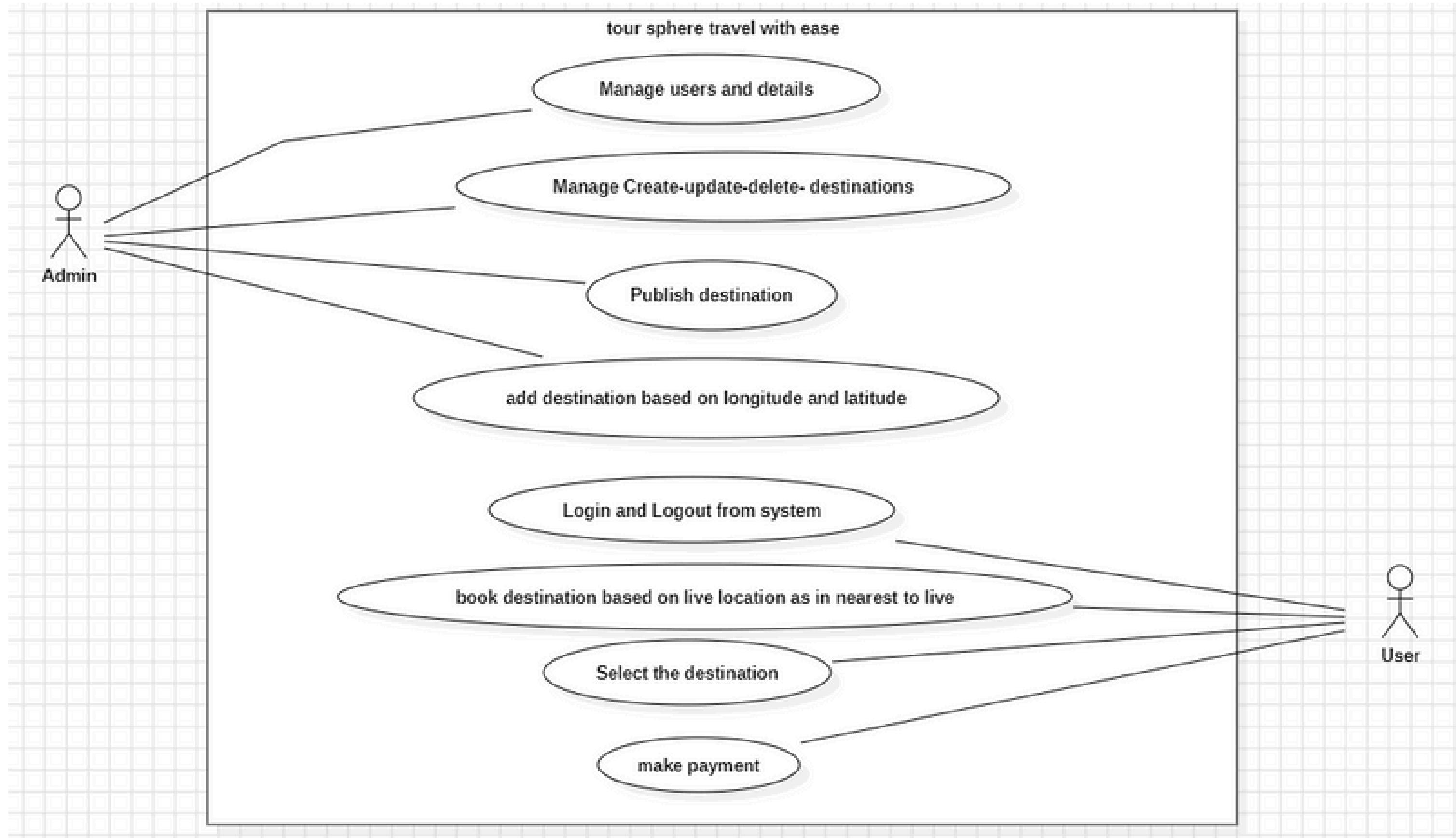


DFD(DATA FLOW DIAGRAMS)

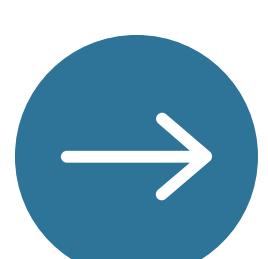
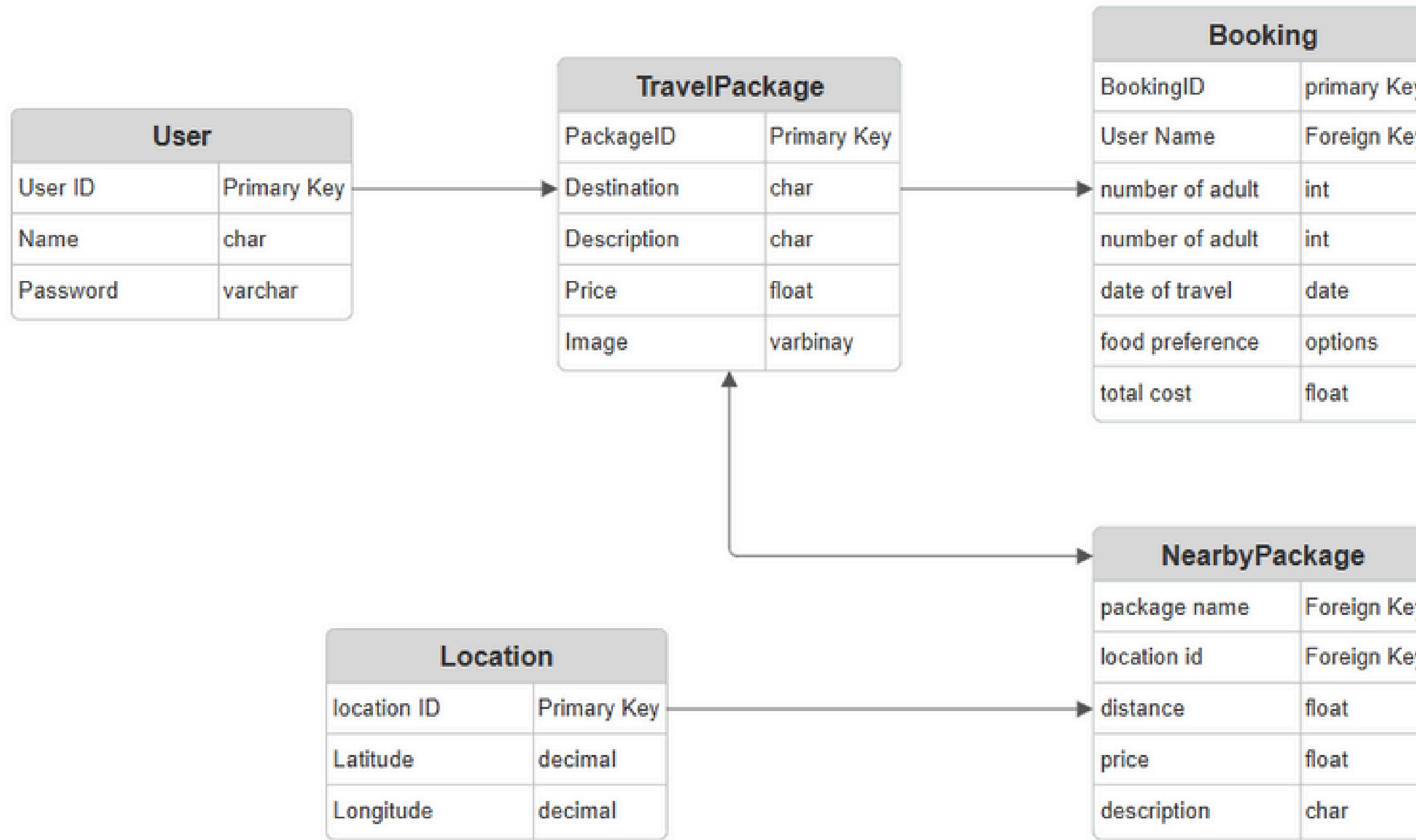
Level - 2



USE CASE DIAGRAM



ER(ENTITY RELATIONSHIP) DIAGRAM



SCREEN CAPTURES:

The image shows three browser tabs open in a single window:

- Admin Register**: The URL is `127.0.0.1:5000/admin_register`. It displays a form for "Admin Registration" with fields for Username, Password, and Confirm Password, and a "Register" button.
- Admin Login**: The URL is `127.0.0.1:5000/admin_login`. It displays a form for "Admin Login" with fields for Username and Password, and a "Login" button. Below the form is a link "Don't have an account? [Register here](#)".
- Travel Packages**: The URL is `127.0.0.1:5000/admin_index`. It displays a dashboard titled "Travel Packages" with two buttons: "Add New Package" (green) and "Logout" (red). Below the buttons is the message "No bookings found."

Admin Registration

Username:

Password:

Confirm Password:

Already have an account? [Login here](#)

Admin Login

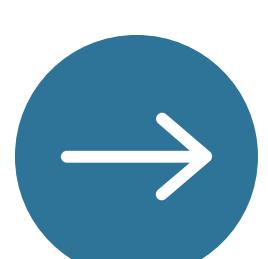
Username:

Password:

Don't have an account? [Register here](#)

Travel Packages

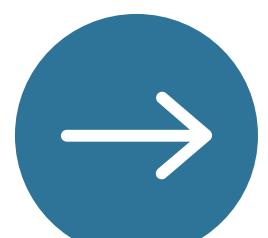
No bookings found.



SCREEN CAPTURES:

The screenshot displays three browser tabs showing the administration interface for travel packages:

- Add Travel Package**: Shows fields for Destination (Hyderābād), Description (Explore the Charminar, Golconda Fort, and Ramoji Film City), Price (5000), and Image (Choose File hyd.jpeg). It includes a preview image of the Charminar at night and a "Add Package" button.
- Travel Packages**: Shows a list of packages. One package is listed: "Hyderābād - Rs.5000.0". Below it is a thumbnail image of the Charminar and a descriptive text: "Explore the Charminar, Golconda Fort, and Ramoji Film City while savoring iconic Hyderabadi biryani and rich cultural heritage." It has "Edit" and "Delete" buttons.
- Edit Travel Package**: Shows the same package details as the add screen, but with a reduced price of 4500.0. It includes a note that no file was chosen for the image.



SCREEN CAPTURES:

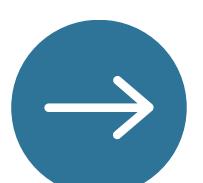
The screenshot shows the homepage of the 'Tour Sphere: Explore with ease' website. The header features the site's name in white text on a blue background. Below the header, there are three navigation links: Home, Login, and Register. A large, bold heading 'Welcome to our website.. Tour Sphere: Explore with ease' is displayed. Below it, a sub-headline says 'Explore our travel packages and start enjoying.' A section titled 'Our Travel Packages' displays five travel options with images and details:

- Location: Hyderabad**
More: Explore the Charminar, Golconda Fort, and Ramoji Film City while savoring iconic Hyderabadi biryani and rich cultural heritage.
Price: Rs. 4500.0
[Book Now](#)
- Location: Bangalore**
More: Known as the "Garden City," it offers vibrant nightlife, Cubbon Park, and tech hubs amidst a cool, cosmopolitan vibe.
Price: Rs. 6000.0
[Book Now](#)
- Location: Kochi**
More: A historic port city with Chinese fishing nets, backwaters, and a blend of colonial and traditional Kerala culture.
Price: Rs. 3000.0
[Book Now](#)
- Location: Port Blair**
More: Gateway to the Andaman Islands, featuring serene beaches, Cellular Jail, and water sports in tropical tranquility.
Price: Rs. 10000.0
[Book Now](#)
- Location: Guwahati**
More: Discover the Kamakhya Temple, Brahmaputra River cruises, and vibrant Assamese culture in the heart of northeast India.
Price: Rs. 8000.0
[Book Now](#)

The screenshot shows the registration page of the 'Tour Sphere: Explore with ease' website. The header features the site's name in white text on a blue background. Below the header, there are three navigation links: Home, Login, and Register. A purple banner on the right side has the word 'Register' in white. The main form area contains fields for 'Username' (filled with 'arun') and 'Password' (filled with '*****'). A 'Register' button is located below the password field.

The screenshot shows the login page of the 'Tour Sphere: Explore with ease' website. The header features the site's name in white text on a blue background. Below the header, there are three navigation links: Home, Login, and Register. A yellow banner on the right side has the word 'Login' in black. The main form area contains fields for 'Username' (filled with 'arun') and 'Password' (filled with '*****'). A 'Login' button is located below the password field. A success message at the top of the page reads: 'Registration successful! You can log in now.'

Please log in or register to continue.



SCREEN CAPTURES:

The image displays three screen captures of a travel booking application named "Tour Sphere: Explore with ease".

Left Screenshot (Login Page): Shows the main landing page with a blue header. It displays a message "Login successful" and a welcome message "Welcome to our website.. Tour Sphere: Explore with ease". Below this, there's a section titled "Our Travel Packages" with five thumbnail images and their details. The first package is for Hyderābād, the second for Bangalore, the third for Kochi, the fourth for Port Blair, and the fifth for Guwāhāti.

Middle Screenshot (Booking Page): Shows the "Booking Page" with a blue header. It asks for user details: Number of Adults (2), Number of Children (0), Select Travel Date (01/01/2025), Food Preference (Vegetarian), Package Place (Kochi), and Your Name (arun). The total cost is displayed as 6200 INR. A "Proceed" button is at the bottom.

Right Screenshot (Booking History): Shows the "Booking History" page with a blue header. It lists a single booking entry: Package Name (Kochi), Travel Date (2025-01-01), Number of Adults (2), Number of Children (0), Food Preference (Veg), and Total Cost (6200 INR). A confirmation message "Booking confirmed and saved!" is shown in a modal window, which is circled with a large black circle. A large black arrow points from the "Proceed" button on the booking page to the "Booking History" page.

SCREEN CAPTURES:

Tour Sphere: Explore with ease

Home Welcome, ushal Booking History Logout

• Login successful

Welcome to our website.. Tour Sphere: Explore with ease

Explore our travel packages and start enjoying.

Our Travel Packages

Location: Hyderābād	Location: Bangalore	Location: Kochi	Location: Port Blair	Location: Guwāhāti
More: Explore the Charminar, Golconda Fort, and Ramoji Film City while savoring iconic Hyderabadi biryani and rich cultural heritage. Price: Rs. 5000.0	More: Known as the "Garden City," it offers vibrant nightlife, Cubbon Park, and tech hubs amidst a cool, cosmopolitan vibe. Price: Rs. 6000.0	More: A historic port city with Chinese fishing nets, backwaters, and a blend of colonial and traditional Kerala culture. Price: Rs. 3000.0	More: Gateway to the Andaman Islands, featuring serene beaches, Cellular Jail, and water sports in tropical tranquility. Price: Rs. 10000.0	More: Discover the Kamakhya Temple, Brahmaputra River cruises, and vibrant Assamese culture in the heart of northeast India. Price: Rs. 8000.0
Book Now	Book Now	Book Now	Book Now	Book Now

You are logged in as usha. Enjoy your stay!

Additional Information

Travel as per your live location
We can help you find travel packages based on your current location. Stay tuned for more features!

[Travel Packages](#)

Tour Sphere: Explore with ease

Home Welcome, ushal Booking History Logout

Nearest Location Finder

Find Locations

Locating...

Tour Sphere: Explore with ease

Home Welcome, ushal Booking History Logout

Booking Page

Please enter your details below:

Number of Adults:

Number of Children:

Select Travel Date:

Food Preference: Non-Vegetarian

Package Place:

Your Name:

Total Cost: 7900 INR

[Proceed](#)

Tour Sphere: Explore with ease

Home Welcome, ushal Booking History Logout

Nearest Location Finder

Find Locations

Your Location: Latitude 17.5271562, Longitude 78.5364404

Hyderābād
Distance: 19.31 km
Price: ₹5000.00
Description: Explore the Charminar, Golconda Fort, and Ramoji Film City while savoring iconic Hyderabadi biryani and rich cultural heritage.
[Book Now](#)

Bangalore
Distance: 516.64 km
Price: ₹6000.00
Description: Known as the "Garden City," it offers vibrant nightlife, Cubbon Park, and tech hubs amidst a cool, cosmopolitan vibe.
[Book Now](#)

Kochi
Distance: 875.14 km
Price: ₹3000.00
Description: A historic port city with Chinese fishing nets, backwaters, and a blend of colonial and traditional Kerala culture.
[Book Now](#)

Port Blair
Distance: 1661.53 km
Price: ₹10000.00
Description: Gateway to the Andaman Islands, featuring serene beaches, Cellular Jail, and water sports in tropical tranquility.
[Book Now](#)

Guwāhāti
Distance: 1667.64 km
Price: ₹8000.00
Description: Discover the Kamakhya Temple, Brahmaputra River cruises, and vibrant Assamese culture in the heart of northeast India.
[Book Now](#)

SCREEN CAPTURES:

Screenshot of a travel package management interface.

The interface shows two travel packages listed:

- Andaman Islands Package**:
 - Description: Gateway to the Andaman Islands, featuring serene beaches, Cellular Jail, and water sports in tropical tranquility.
 - Image: A photo of a beach with people in the water.
 - Action Buttons: Edit (yellow) and Delete (red).
 - Text: • Guwahati - Rs.8000.0
- Guwahati Package**:
 - Description: Discover the Kamakhya Temple, Brahmaputra River cruises, and vibrant Assamese culture in the heart of northeast India.
 - Image: A photo of a colorful temple complex under a tree.
 - Action Buttons: Edit (yellow) and Delete (red).

User Booking History

User	Package Name	Travel Date	Adults	Children	Food Preference	Total Cost
arun	Kochi	2025-01-01	2	0	veg	6200 INR
usha	Hyderābād	2025-02-02	1	1	non-veg	7900 INR
chanchal	Hyderābād	2025-03-03	3	0	non-veg	14100 INR

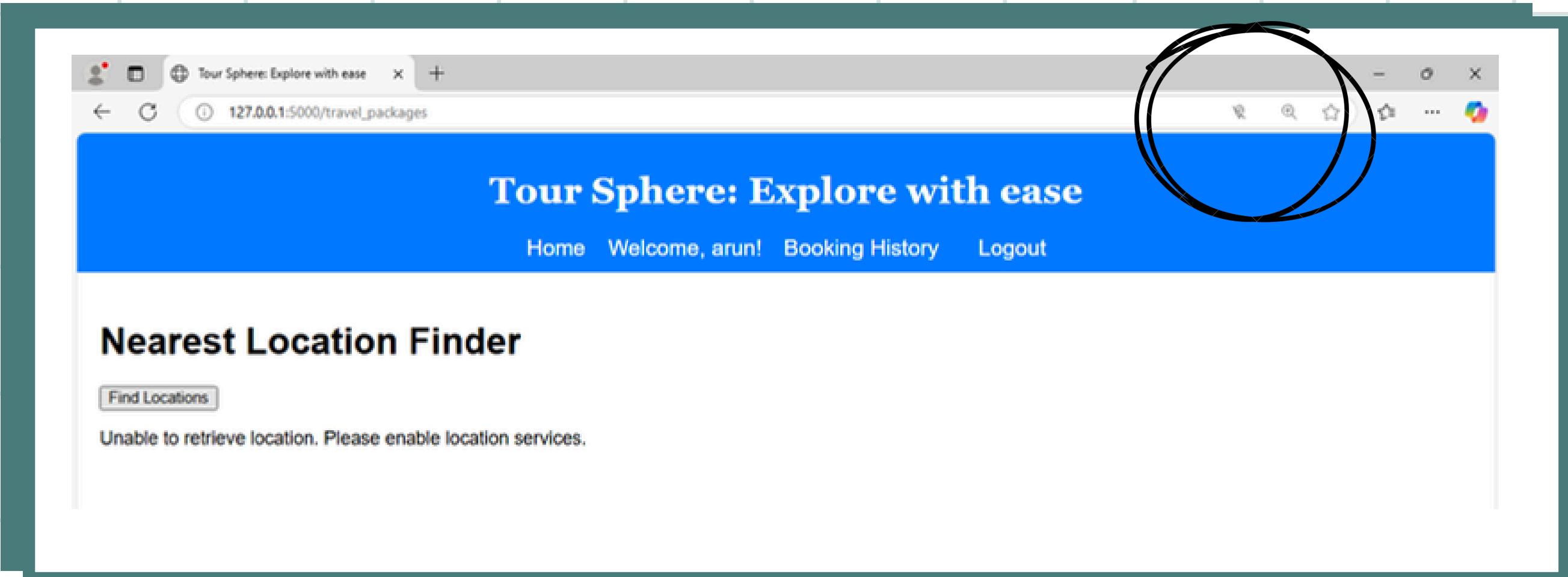


CHECKING CONDITIONS

The image displays four browser windows showing different parts of a web application with a focus on form validation:

- Add Travel Package (Top Left):** Shows a successful package addition message: "The travel package for Bangalore has been added successfully!". It includes fields for Destination (Kochi), Description (A historic port city with Chin), Price (3000), and Image (Choose File: No file chosen). The "Add Package" button has a validation message: "Please select a file."
- Tour Sphere: Explore with ease (Top Right):** A registration page titled "Register". It has fields for Username and Password. The Password field has a validation message: "Please fill out this field."
- Tour Sphere: Explore with ease (Bottom Left):** A login page titled "Login". It has fields for Username (arun) and Password (Enter your password). The Password field has a validation message: "Please fill out this field."
- Admin Register (Bottom Right):** An admin registration page titled "Admin Registration". It has fields for Username (hi), Password (..), and Confirm Password. The Password field has a validation message: "Please fill out this field."
- Admin Login (Bottom Far Right):** An admin login page titled "Admin Login". It has fields for Username (arun) and Password. The Password field has a validation message: "Please fill out this field." Below it, there's a link: "Don't have an account? [Register here](#)".

CHECKING CONDITIONS





CONCLUSION

- "Tour Sphere: Explore with Ease" project revolutionizes travel by integrating location-based features, seamless booking, and user personalization into a unified platform.

THANK YOU

