User Manual

for

Route Mate

Version 1.1

Prepared by

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Course: CS253

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Date: 01-04-2024

Contents

Revisions

Version	Primary Author(s)	Description of Version	Date Completed
1.0	Anya, Kawaljeet, Anas	Sections 1, 2, 3, 4 were added to the document.	31-03-2024
1.1	Anya, Kawaljeet, Anas	Sections 5, 6, 7 were added to the document.	01-04-2024

1 Introduction

1.1 Document Overview

This document serves to inform users of this website, RouteMate, about its functionality and the operations available to them. It outlines the tasks that can be performed on the website.

1.2 Product Scope

Our website, RouteMate, aims to organise shared rides and planned trips among the vibrant community of students from IIT Kanpur during holiday breaks. Designed to foster camaraderie and make travel more convenient. RouteMate connects students looking to journey home during vacations and visit tourist places.

Our user-friendly website allows IIT Kanpur students to create and join groups based on their destination cities and travel modes. Simply sign up, input your travel details, and find fellow students heading in the same direction. Whether you're headed north, south, east, or west, RouteMate aims to make your holiday travel a seamless and enjoyable experience.

Key Features includes, Destination based matching, Safety and verification, Flexible scheduling, Group trip planning, Cost sharing, Combined trip blog, Real-time chat and messaging, Expense splitting.

1.3 RouteMate Database

RouteMate uses PostgreSQL to store data. PostgreSQL is a powerful open-source relational database management system known for its robustness, reliability, and extensibility. It offers advanced features such as support for complex queries, indexing, transactions, and scalability, making it a popular choice for applications ranging from small projects to large-scale enterprise systems.

1.4 Intended Audience

This product documentation serves as a guide for residents of IITK who intend to utilize the website for connecting with fellow travelers heading to the same destination, coordinating trips during vacations and accessing insightful travel blogs. This platform facilitates seamless communication and collaboration among users with similar travel plans and interests. Whether seeking companions for a shared journey or seeking inspiration from travel narratives, residents can rely on this website to foster connections and enhance their travel experiences. With user-friendly features and a vibrant community, this platform aims to enrich the travel endeavors of IITK residents, fostering a sense of camaraderie and adventure within the community.

2 Software Requirements

The website will run smoothly on any device (PCs, Mobile Phones, Tablets) which has web browsers installed. But the layout of the application is developed exclusively considering a standard desktop/laptop. It is not recommended to use the application on mobile devices.
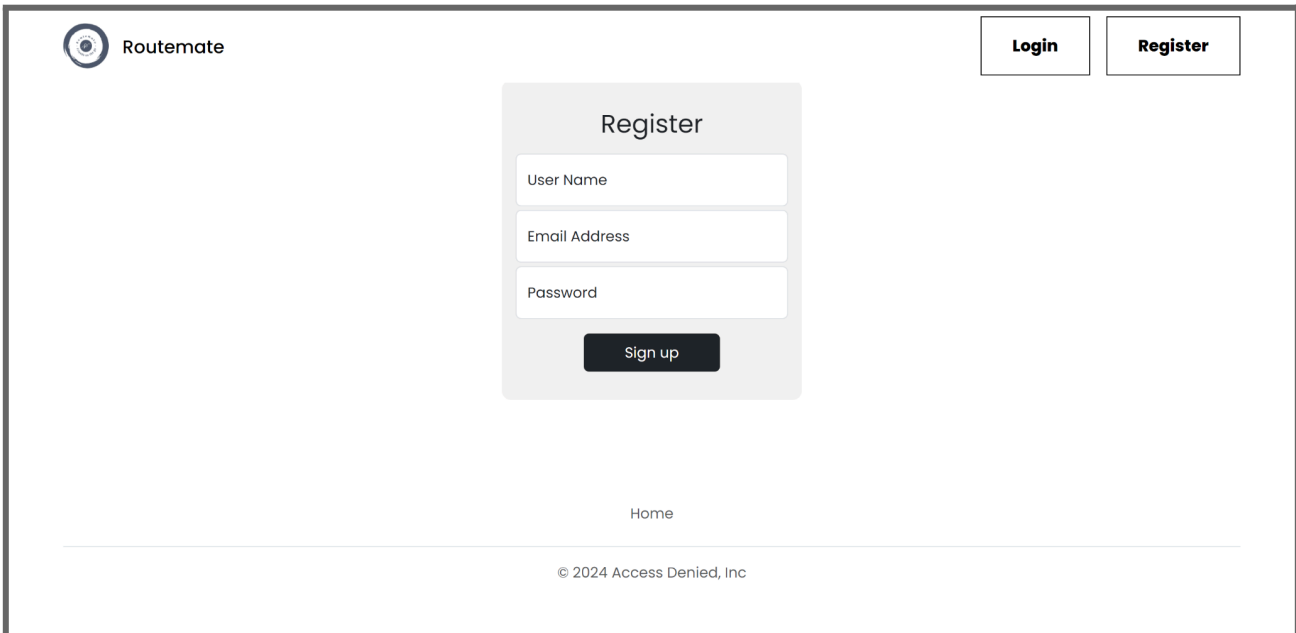
The recommended web browsers are

- Google Chrome
- Mozilla Firefox
- Microsoft Edge
- Safari

Apart from this, there are no software constraints for using this web application.

3 QuickStart Guide for Register and Login

REGISTER

Click on the "Register" button located on the homepage if you are a new user. Upon clicking, you will be redirected to the registration page where you can proceed with the registration process.

During the time of registration, users will be asked to enter following information
- User Name: Each user must provide a unique username.
- Email Address: Each user must provide a valid email address for verification purposes.
- Password: Users are required to create a password. Passwords are case-sensitive.

Upon clicking the Sign up button after correctly filling out the User Name, Email Address, and Password fields, a prompt will appear on your screen stating: "An OTP has been sent to your email." as shown in image below.

Routemate

localhost:3000 says
An OTP has been sent to your email

OK

Login   Register

Register

Login Name
pankaj

Email Address
testing@gmail.com

Password
••••••••••••••••

Sign up

Home

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Click OK. Users will now be redirected to the email verification page. Enter the OTP sent to the entered email address and click the "Submit" button. Upon entering the correct OTP, a prompt will appear stating "Registered Successfully", and the user will be directed to the login page.

Routemate

Registered Successfully

OK

Login   Register

OTP

Enter OTP
966135

Submit
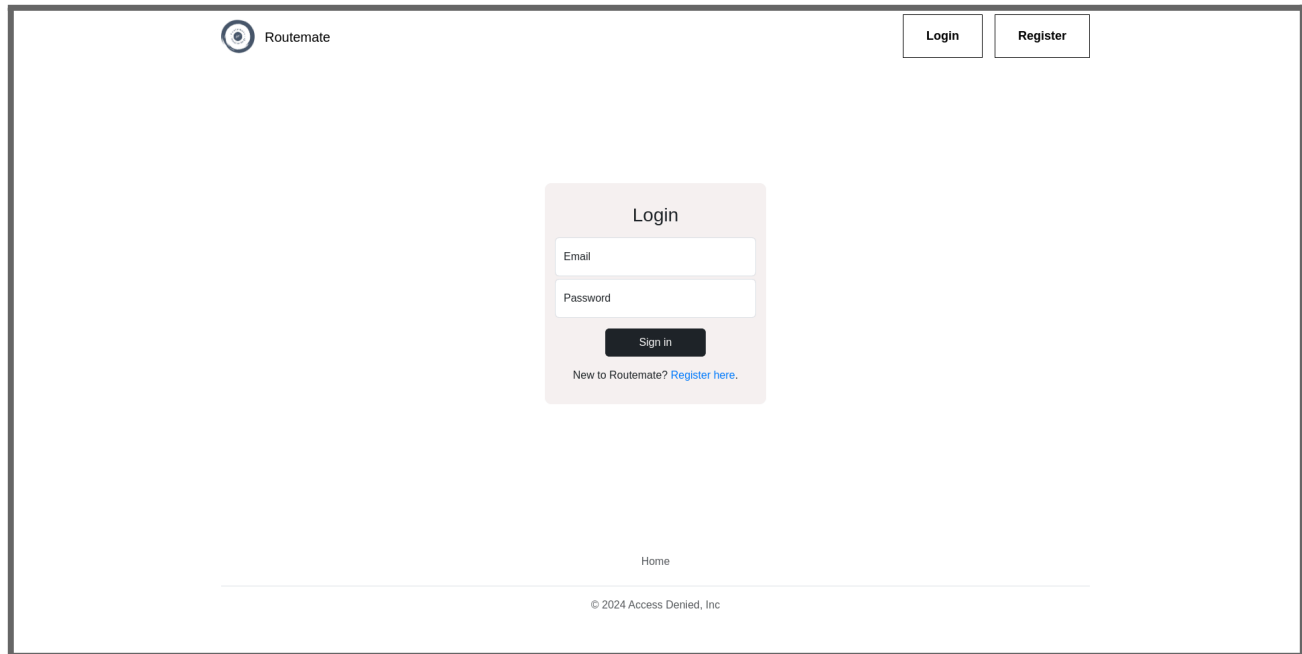
Home

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If an incorrect OTP is entered, a prompt stating "Incorrect OTP" will appear, and you will be redirected to the homepage.

LOGIN

To access your existing account, please click on the "Login" button located on the homepage.

To log in to your account, enter your correct email and corresponding password. Clicking "Sign in" will direct you to the Dashboard, where logged-in users can commence using the application. In case of incorrect credentials, you will be returned to the login page. you can click on the "Register here" link to navigate to the registration page.

4 Dashboard
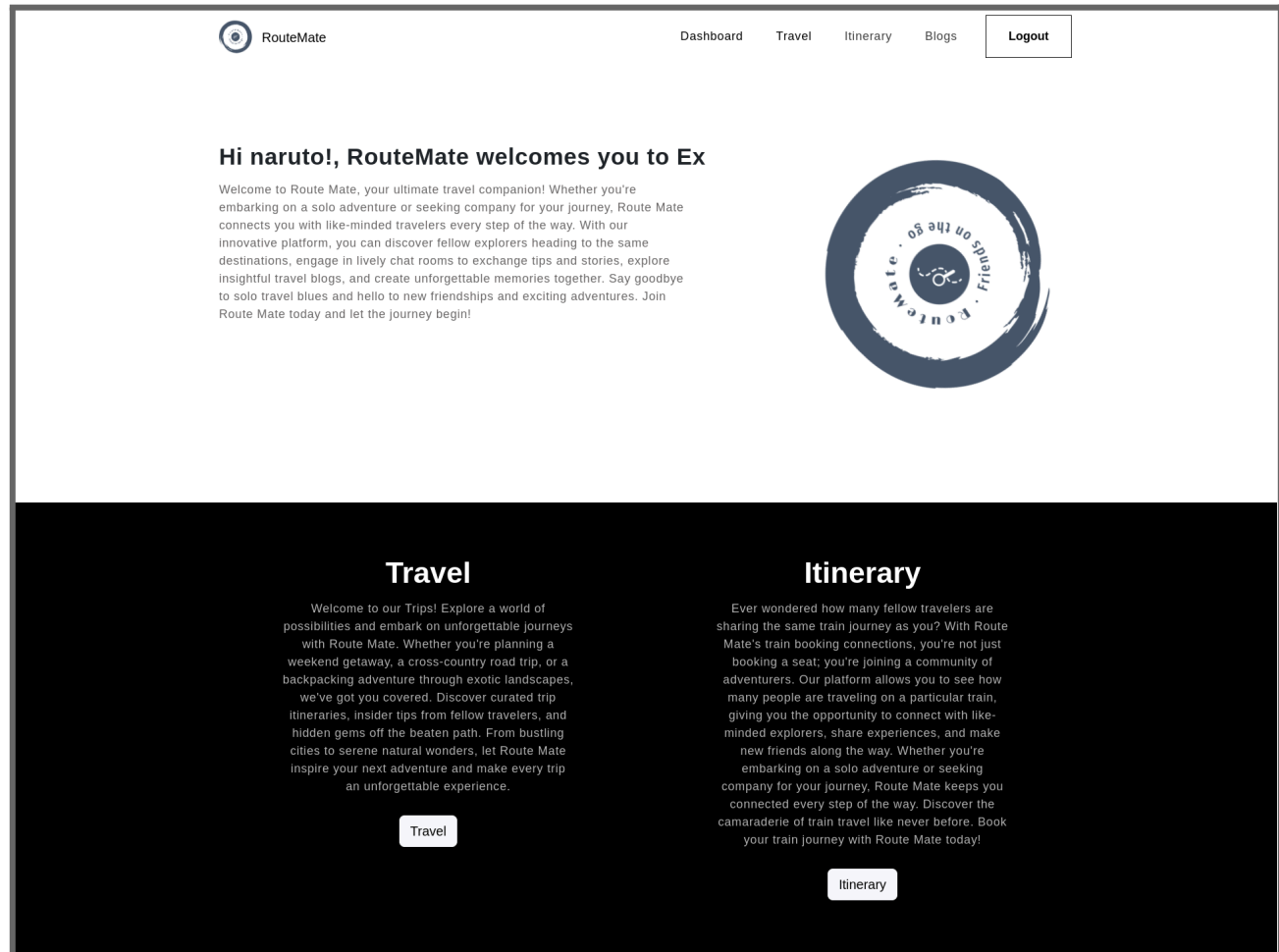
At the top of the Dashboard, the features are listed, to be clicked on:
- **Travel** : directs users to the Travel page for joining or creating trips.
- **Itinerary** : leads to the Itinerary page for train searches and related information.
- **Blogs** : Navigates to the Blog page for viewing existing blogs and creating new ones.
- **Logout** : facilitates logging out and returning to the Homepage.

Users can also navigate to the Travel and Itinerary pages by scrolling down and clicking on the corresponding buttons located on the Dashboard in Travel and Itinerary sections respectively.

Following the Travel and Itinerary sections of the Dashboard, we have the following sections:
- **Hosted Trips** : This section will present the following details: Trip Name, Destination, Start Date, End Date, and Amount, alongside a "Trip Details" button hosted by the user. Upon clicking the "Trip Details" button, the user will be directed to the travel information page

specific to that trip. From there, users can access the chat box associated with the trip and view lists of Applied, Joined, and Declined Users.

Hosted Trips

Goa_is_on

Destination: Goa

Start Date: 25-04-2024

End Date: 30-05-2024

Amount: 5000.00
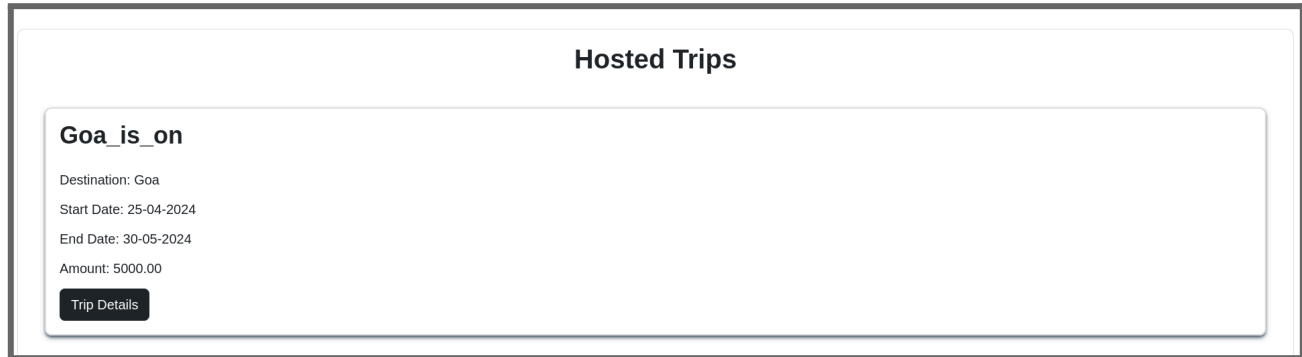
[Trip Details]

- **Joined Trips** : This section will display the following details: Trip Name, Destination, Start Date, End Date, and Amount, along with a "Trip Details" button for each trip joined by the user hosted by another user. Upon clicking the "Trip Details" button, users will be directed to the specific travel information page for that trip. From there, users can access the associated chatbox and view lists of joined users exclusively.

Joined Trips

Tajmahal

Destination: Agra

Start Date: 25-03-2024

End Date: 29-03-2024

Amount: 5000.00

[Trip Details]
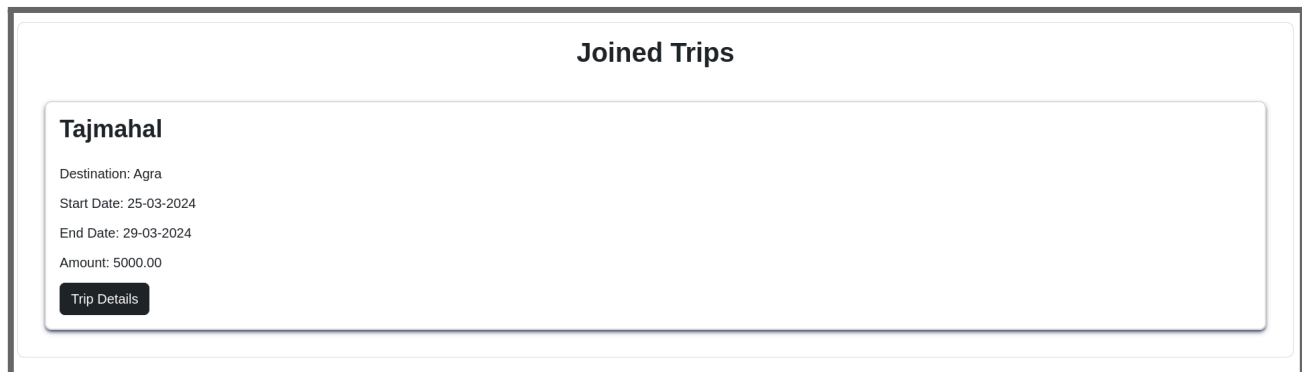
- **Upcoming train journeys** : This section will display details including Train Name, Train Number, Date, and Journey details for both booked and unbooked trains. Additionally, it provides options for users to interact with each train: "Unenroll" to remove booked or unbooked trains from the dashboard, and a "Chat" button to engage with others traveling on the respective train. Upon clicking the "Unenroll" button, a prompt stating "Successfully unenrolled!" will appear on the screen. Subsequently, upon refreshing the site, the selected train will be removed from the user's dashboard.

RouteMate   Dashboard   Travel   Itinerary   Blogs   **Logout**

Upcoming train journeys

Booked:

BSBS NDLS SFEXP : (12581)

Date : 2024-05-03

CNB   ⇄   NDLS   1   0   Unenroll   Chat

Not Booked:

NETAJI EXPRESS : (12312)
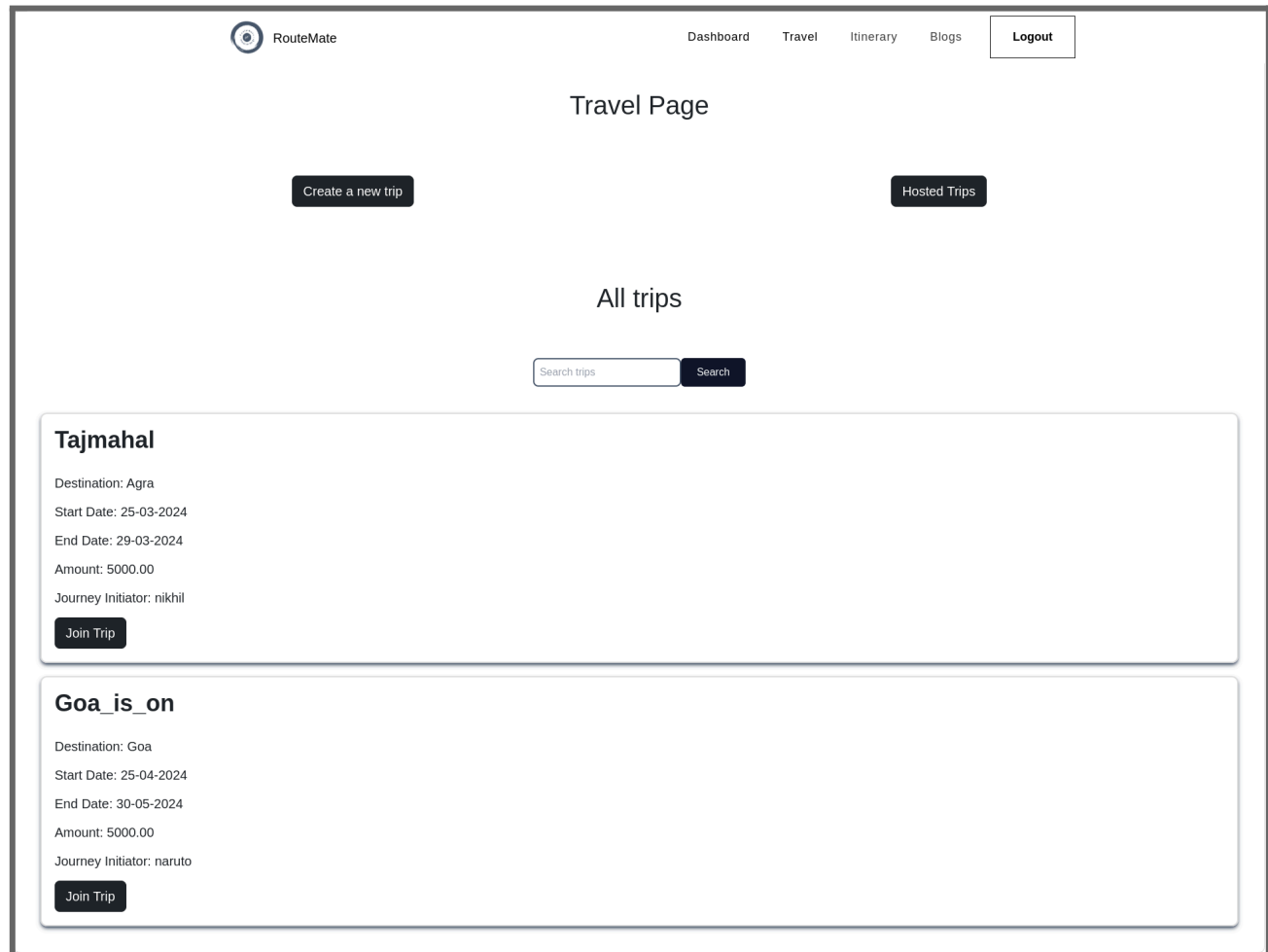
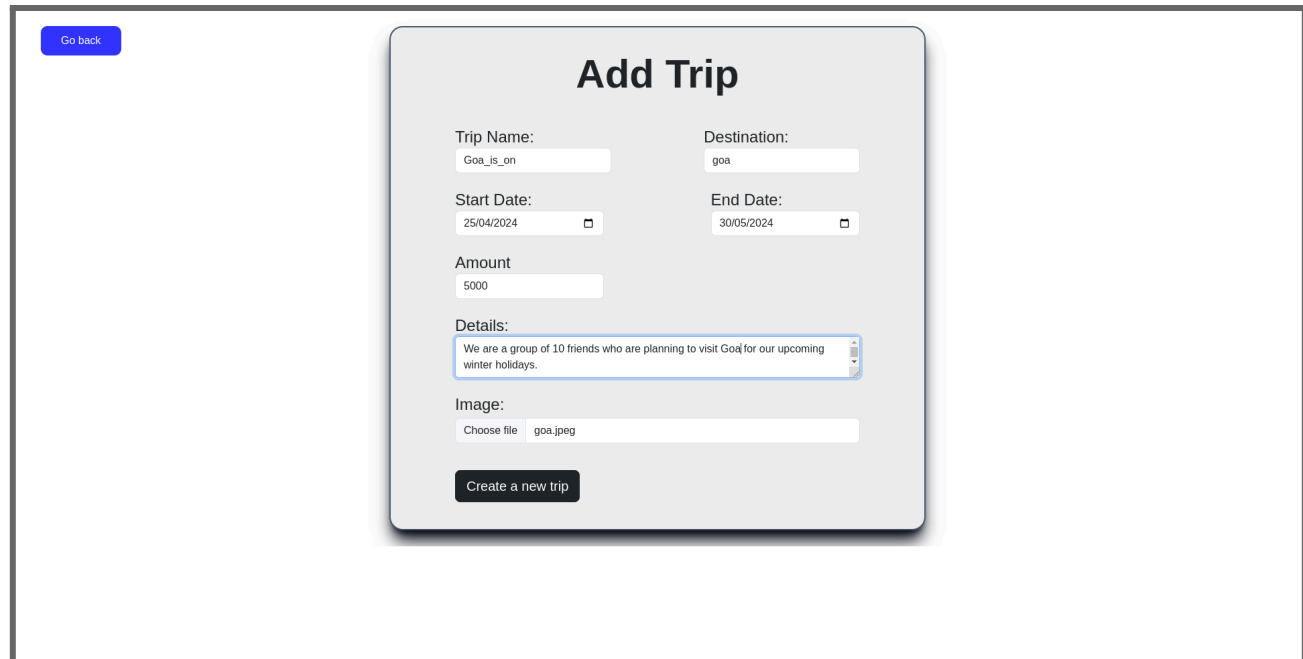Date : 2024-07-16

PNP   ⇄   CNB   0   1   Unenroll   Chat

5 Travel

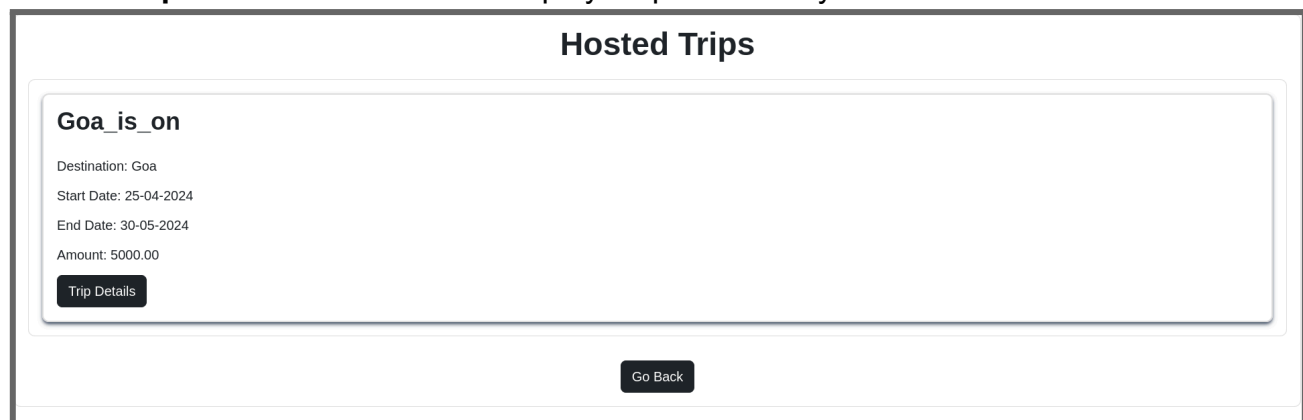At the top of the Travel, the following features are listed:
- **Dashboard** : directs users to the Dashboard page, where Hosted trips, Joined trips and train journeys are accessible.
- **uresItinerary** : leads to the Itinerary page for train searches and related information.
- **Blogs** : Navigates to the Blog page for viewing existing blogs and creating new ones.
- **Logout** : facilitates logging out and returning to the Homepage.

- **Create a new trip** button : To host a trip, users will be directed to the "addTrip" page upon clicking.

Go back

Add Trip

Trip Name: Destination:

Goa_is_on   goa

Start Date: End Date:

25/04/2024   30/05/2024

Amount

5000

Details:

We are a group of 10 friends who are planning to visit Goa for our upcoming
winter holidays.

Image:

Choose file   goa.jpeg

Create a new trip

- **Enter the details:**
- **Go back** : Redirect the user back to the Travel page.
- **Create a new trip** : Upon clicking, a prompt stating "Trip added" will appear on the screen, and the trip with the provided details will be created.

Hosted Trips button : This feature displays trips hosted by the user.

Hosted Trips

Goa_is_on

Destination: Goa

Start Date: 25-04-2024

End Date: 30-05-2024

Amount: 5000.00

Trip Details

Go Back

- **Go Back** : Redirect the user back to the Travel page.

- **Trip Details** : Directs user to tripInfo page, where details of trip are displayed in addition Applied, Joined and Declined Users are also displayed.

Go Back   Join Chat Server

Goa_is_on
Destination : Goa

Goa_is_on

Destination: Goa

Start Date: 25-04-2024

End Date: 30-05-2024

Amount: 5000.00

Details: We are a group of 10 friends who are planning to visit Goa for our upcoming winter holidays. # dates are flexible # please joing group before 1st march so the we can book train tickets

Created By: naruto

Applied Users

Joined Users

pankaj	Decline

Declined Users

- ➢ **Go Back** : Redirect the user back to the Travel page.
- ➢ **Join Chat Server** : Opens the chat box associated with the currently displayed trip details. The title of the chatbox is the Trip Name. Click "Go Back" to return to the Trip details.
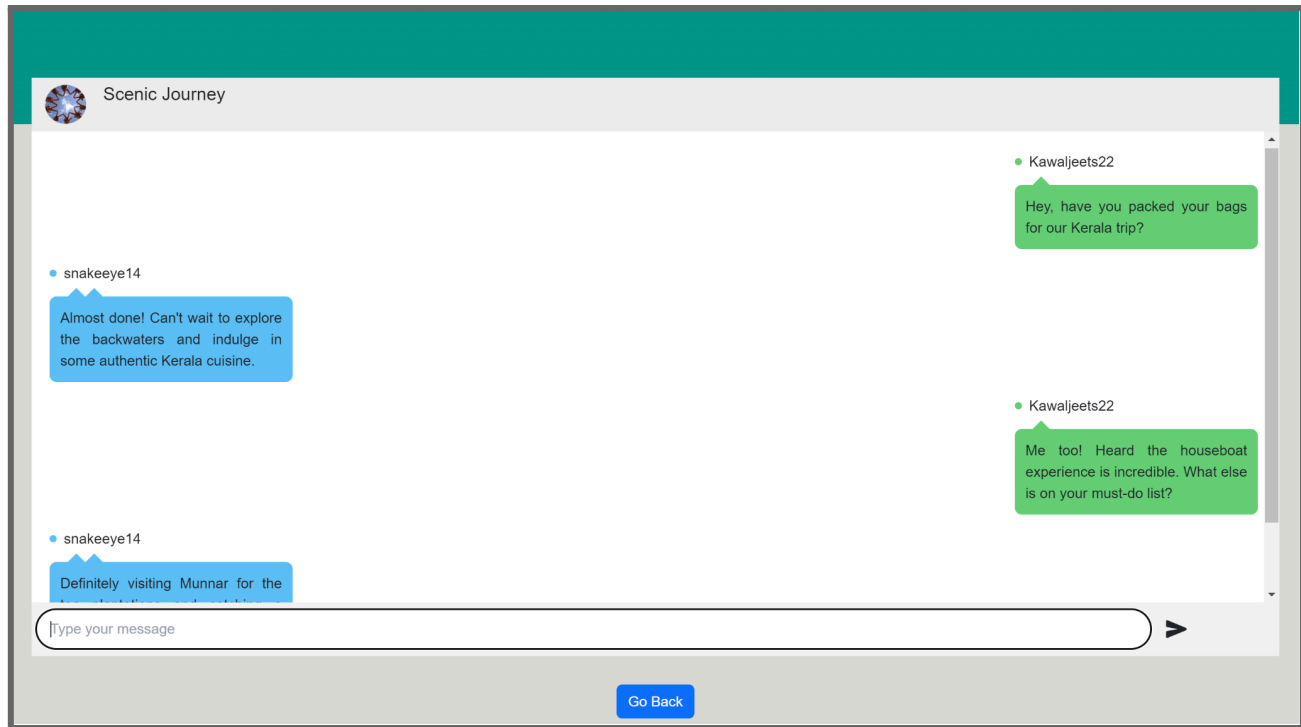
All trips : All trip details are presented, accompanied by a search trip option enabling users to locate a specific trip by its Trip Name.
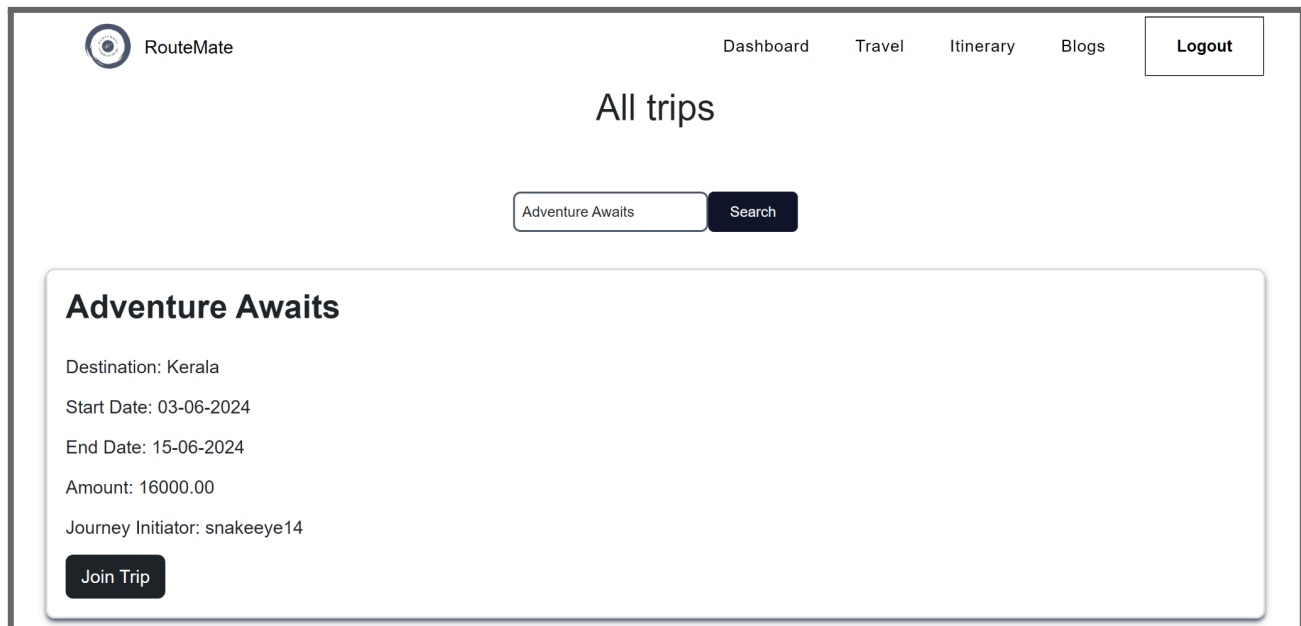
● **Join Trip** : This feature displays details of the trip.

Go Back   Apply to Join

Adventure Awaits
Destination : Kerala

Adventure Awaits

Destination: Kerala

Start Date: 03-06-2024

End Date: 15-06-2024

Amount: 16000.00

Details: Immerse yourself in the tranquil backwaters and lush greenery of Kerala. Explore its picturesque hill stations, pristine beaches, and vibrant culture. Indulge in unforgettable experiences amidst the serene beauty of "God's Own Country".
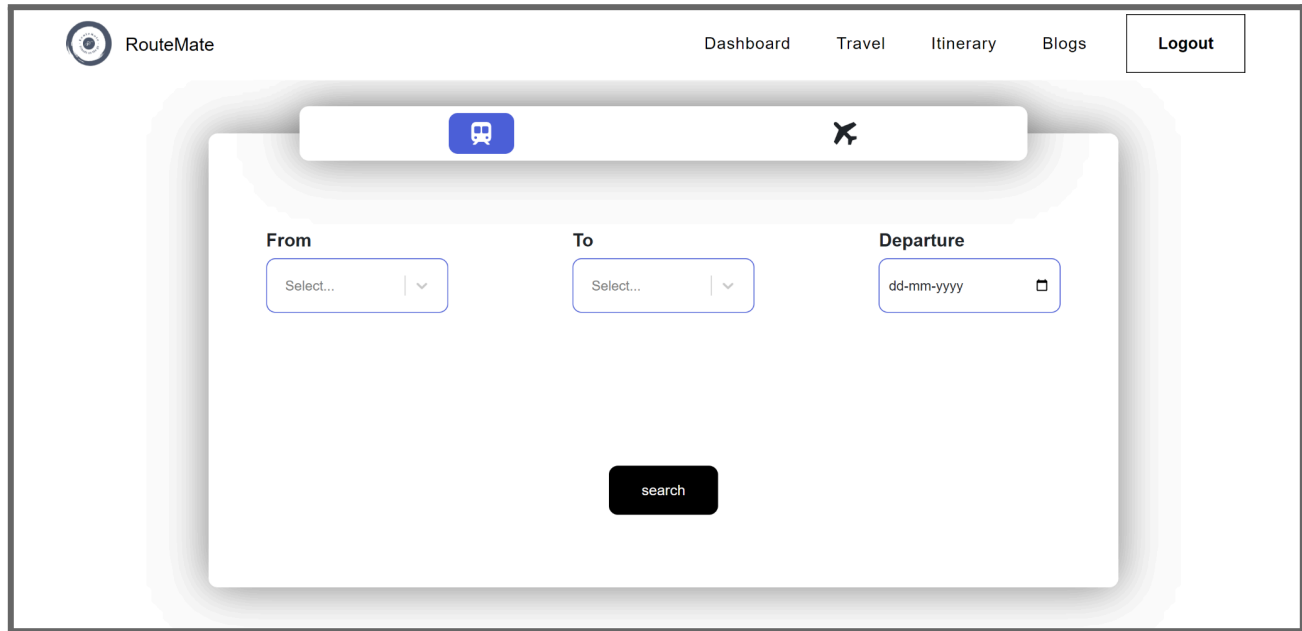
Created By: snakeeye14

➢ **Go Back** : Redirect the user back to the Travel page.
➢ **Apply to Join** : A prompt stating "Applied to join the trip." will appear, and a request will be sent to the user who hosted that trip.

6 Itinerary

At the top of the Itinerary, a menu of options is provided:
- **Dashboard** : directs users to the Dashboard page, where Hosted trips, Joined trips and train journeys are accessible.
- **Travel** : directs users to the Travel page for joining or creating trips.
- **Blogs** : Navigates to the Blog page for viewing existing blogs and creating new ones.
- **Logout** : facilitates logging out and returning to the Homepage.

- **From** : Select the boarding station from the dropdown menu provided.
- **To** : Select the destination from the dropdown menu provided.
- **Departure** : Input the departure date.

Upon clicking the search button, trains matching the provided information will be displayed.

BSBS NDLS SFEXP : (12581)

Date : 2024-05-03

BUI   ⇄   NDLS   2   0   Unenroll   Chat

KALINDI EXPRESS : (14117)

Date : 2024-05-03

PRYJ   ⇄   BNW   1   1   Unenroll   Chat

SWARAN SHATABDI : (12003)

Date : 2024-05-03

- **Enroll :** Users have the option to enroll in a train by clicking on either the green button (indicating confirmation) or the yellow button (denoting a pending confirmation) located to the left of the "unenroll" button.
- **Unenroll** : If the user was enrolled in the specific train, then he or she will be unrolled from it.
- **Chat** : provides access to the chat box corresponding to the trains in which the user is enrolled. Each chat will be titled with the Train Name and Train Number. Additionally, the number of users traveling on that particular train and the departure date will be displayed for user reference. Selecting "Go Back" will redirect the user to the Itinerary page.Clicking on Go Back returns the user to the Itinerary page.

BSBS NDLS SFEXP : 12581
Users : 2, Departure: 2024-05-03

Absolutely! Can't wait to explore the vibrant streets and rich history of the capital city.

● Kawaljeets22

Me too! Have you checked the departure time of our train?

● snakeeye14

Yes, it's scheduled for 9:30 AM tomorrow. Are you all set?

● Kawaljeets22

Yep, bags packed and ready to go! Let's make this journey memorable.

Type your message   ➤

Go Back

7 Blogs

The user will be presented with a list of previously posted blogs, along with additional options including "Return to Dashboard," "Post a New Blog," and "Search for Blog."

At the top of the Blogs, a menu of options is provided:
- **Dashboard** : directs users to the Dashboard page, where Hosted trips, Joined trips and train journeys are accessible.
- **Travel** : directs users to the Travel page for joining or creating trips.
- **Itinerary** : leads to the Itinerary page for train searches and related information.
- **Logout** : facilitates logging out and returning to the Homepage.

- **Dashboard** button : Directs the user to their Dashboard page.
- **New Blog** button :

Upon clicking the "Post" button after accurately filling out the provided fields, a prompt will appear on the screen stating, "Blog posted successfully." Subsequently, the blog will be posted and will become visible on the Blogs page. After posting, the blog user will be direct to the Blog page.

RouteMate   Dashboard   Travel   Itinerary   Blogs   **Logout**

DashBoard   New Blog

Search

Sands and Serenity: My Unforgettable Journey to Goa

Nestled along the sun-kissed shores of the Arabian Sea lies a paradise unlike any other – Goa. With its vibrant culture, azure waters, and golden sands, Goa beckons travelers from across the globe to immerse themselves in its irresistible charm.

As I embarked on my journey to this coastal haven, I was filled with anticipation and excitement. From the moment I set foot on Goan soil, I knew that I was in for an unforgettable adventure.

My days in Goa were a delightful blend of relaxation and exploration. I spent lazy mornings lounging on pristine beaches, feeling the warm embrace of the tropical sun and listening to the soothing rhythm of the waves. Each beach had its own unique character – from the lively shores of Baga to the tranquil serenity of Palolem, there was something for every mood and preference.

But Goa is not just about sunbathing and swimming. It is a melting pot of cultures, where history intertwines seamlessly with modernity. I wandered through the narrow lanes of Old Goa, marveling at the majestic churches and colonial architecture that bore witness to centuries of rich heritage.

Of course, no trip to Goa would be complete without indulging in its culinary delights. From fresh seafood shacks lining the coast to quaint cafes tucked away in hidden corners, I savored every bite of Goan cuisine – fiery vindaloo, tangy sorpotel, and decadent bebinca – each dish a culinary masterpiece that left me craving for more.

As the sun dipped below the horizon, casting a kaleidoscope of colors across the sky, I found myself enchanted by the mystical allure of Goa. It is a place where time slows down, allowing you to savor each moment and cherish every memory.

As I bid farewell to this enchanting paradise, I carried with me not just souvenirs and photographs, but a sense of peace and rejuvenation that only Goa can provide. My trip may have come to an end, but the memories I made will stay with me forever – a reminder of the beauty and magic that awaits those who dare to explore the wonders of Goa.

In retrospect, my journey to Goa was more than just a vacation – it was a soul-stirring experience that left an indelible mark on my heart. And as I look back on those sun-soaked days and star-filled nights, I am filled with gratitude for the opportunity to have experienced the magic of Goa – a place that will always hold a special place in my wanderlust-filled heart.

Posted by: snakeeye14
Posted on: 2024-04-01

Tranquil Tales: Exploring the Enchanting Charms of Nainital

Nestled amidst the serene hills of Uttarakhand, Nainital beckons travelers with its picturesque beauty and tranquil ambiance. My journey to this hill station was nothing short of a magical escapade.

As I wandered through the winding paths of Mall Road, the heart of Nainital, I was captivated by the old-world charm of the colonial-era buildings and the vibrant hustle and bustle of the local markets.

The shimmering waters of Naini Lake reflected the majestic peaks that surrounded it, offering a breathtaking backdrop for boat rides and leisurely strolls along its promenade.

Exploring the nearby attractions such as Naina Devi Temple, Tiffin Top, and Snow View Point provided me with panoramic vistas of the Himalayas and a deeper appreciation for the natural wonders of this region.
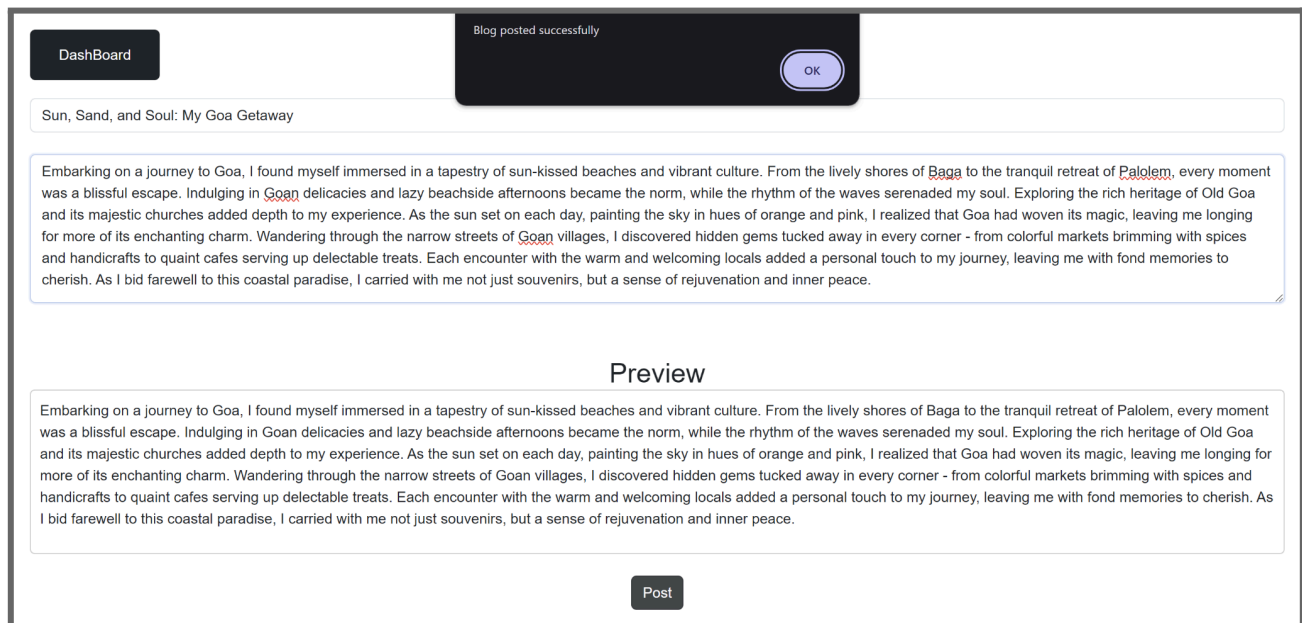
Posted by: snakeeye14
Posted on: 2024-04-01

Sun, Sand, and Soul: My Goa Getaway

Embarking on a journey to Goa, I found myself immersed in a tapestry of sun-kissed beaches and vibrant culture. From the lively shores of Baga to the tranquil retreat of Palolem, every moment was a blissful escape. Indulging in Goan delicacies and lazy beachside afternoons became the norm, while the rhythm of the waves serenaded my soul. Exploring the rich heritage of Old Goa and its majestic churches added depth to my experience. As the sun set on each day, painting the sky in hues of orange and pink, I realized that Goa had woven its magic, leaving me longing for more of its enchanting charm. Wandering through the narrow streets of Goan villages, I discovered hidden gems tucked away in every corner - from colorful markets brimming with spices and handicrafts to quaint cafes serving up delectable treats. Each encounter with the warm and welcoming locals added a personal touch to my journey, leaving me with fond memories to cherish. As I bid farewell to this coastal paradise, I carried with me not just souvenirs, but a sense of rejuvenation and inner peace.

Posted by: snakeeye14
Posted on: 2024-04-01

- **Search** : Search for a blog by utilizing the blog title as input. Upon conducting the search, the identified blog corresponding to the entered title will be displayed on the screen.

RouteMate   Dashboard   Travel   Itinerary   Blogs   **Logout**

DashBoard   New Blog

Tranquil Tales

Tranquil Tales: Exploring the Enchanting Charms of Nainital

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