

# **A Project Report**

*on*

## **TRAVEL BLOG AND BUDGET TRACKER**

*carried out as part of the lab IT2232 Web Technologies Submitted*

*by*

**Ananya Gupta (229302272)**

**and**

**Priyal Alok Goenka (229302252)**

*in partial fulfilment for the award of the degree of*

**Bachelor of Technology**

*in*

**Information Technology**



**MANIPAL UNIVERSITY  
JAIPUR**

**School of Information, Security and Data Science  
Department of Information Technology**

**MANIPAL UNIVERSITY JAIPUR  
RAJASTHAN, INDIA**

**April 2024**

# CERTIFICATE

Date: 15/04/2024

This is to certify that the project titled **TRAVEL BLOG AND BUDGET TRACKER** is a record of the bonafide work done by **ANANYA GUPTA (229302272) & PRIYAL ALOK GOENKA (229302252)** submitted in partial fulfilment of the requirements for the award of the Degree of Bachelor of Technology (B. Tech) in **(Information Technology)** of Manipal University Jaipur, during the academic year 2023-24.

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# **ABSTRACT**

## **Title: Travel Blog & Budget Tracker: A Comprehensive Guide to Exploring Global Destinations**

In today's dynamic landscape, where travel has become not just a leisure activity but a crucial avenue for personal development and cultural immersion, the need for comprehensive travel resources has never been more pressing. The Travel Blog & Budget Tracker project steps up to meet this demand by offering an in-depth exploration of diverse global destinations. Serving as a comprehensive resource hub, this project is designed to simplify travel planning and empower adventurers to navigate the world with confidence.

The outcomes of this endeavor manifest in the form of a user-friendly digital platform that offers comprehensive insights and practical guidance for travelers. Each city's page provides detailed descriptions of landmarks and attractions, offering travelers insights into the unique cultural and historical significance of each destination. Furthermore, the estimated daily expenses serve as a valuable tool for budget-conscious travelers, enabling them to plan and allocate funds effectively.

The significance of the Travel Blog & Budget Tracker project lies in its potential to revolutionize the travel experience. In an era where travel has become increasingly democratized yet complex, the project serves as a beacon of guidance, streamlining the planning process and empowering travelers to make informed decisions. By promoting responsible tourism practices and fostering cultural exchange, the project contributes to the sustainability of the travel industry while enriching the lives of travelers worldwide.

In summary, the Travel Blog & Budget Tracker project represents a significant contribution to the realm of travel and tourism. Through its comprehensive approach to trip planning and its emphasis on accessibility and practicality, the project aims to inspire wanderlust and enable unforgettable travel experiences for adventurers around the globe. As travel continues to evolve, the project stands as a testament to the power of information and guidance in shaping memorable journeys.

## **Chapter 1: INTRODUCTION**

### **1.1) Introduction and Motivation for the Project**

The Travel Blog & Budget Tracker project aims to revolutionize travel planning and management by providing travelers with a comprehensive solution to optimize their experiences. In today's fast-paced world, travel has become an integral part of leisure, business, and cultural exploration. However, the abundance of information available online can often overwhelm travelers, leading to uncertainty and stress. Moreover, the lack of accurate and up-to-date information on expenses can result in unexpected financial strain during trips. Recognizing these challenges, our project seeks to offer a centralized platform that combines detailed travel guides with practical budget tracking tools, empowering travelers to make informed decisions and enjoy hassle-free experiences.

The motivation behind this project lies in addressing the complexities associated with travel planning and budget management. Many travelers face challenges in navigating the vast amount of information available online, often leading to confusion and indecision. Additionally, the lack of reliable information on expenses can lead to budgetary constraints and hinder the overall travel experience. By providing users with access to comprehensive destination guides and practical budgeting tools, our project aims to simplify the travel planning process and alleviate the stress associated with managing expenses.

Each city's dedicated webpage offers comprehensive insights into must-visit landmarks, attractions, cultural experiences, and practical travel tips. Here, users can explore a wide range of destinations and discover unique experiences tailored to their interests. Additionally, the project provides estimated daily costs for accommodation, dining, transportation, and attractions, allowing travelers to plan their budgets effectively and avoid overspending.

One of the key features of the project is its user-friendly interface, which aims to cater to the diverse needs of travelers. The platform is designed to be intuitive and easy to navigate, with clear categories so as to help users find relevant information quickly. Whether users are seeking adventure, cultural immersion, or leisurely exploration, the Travel Blog & Budget Tracker project offers a wealth of resources to enhance their travel experiences.

## **1.2) Objectives of the Project**

The objective of the Travel Blog & Budget Tracker project is to provide a comprehensive and user-friendly platform for travelers to plan their trips efficiently and manage their budgets effectively. The project aims to address the challenges and complexities associated with travel planning and budget management by offering users access to detailed travel guides and practical budget tracking tools.

The key objectives of the project include:

**1. Comprehensive Destination Guides:** These guides will encompass must-visit landmarks, attractions, cultural experiences, practical travel tips, and local insights to help users plan their itineraries effectively.

**2. Accurate Expense Estimation:** Provide users with estimated daily costs for accommodation, dining, transportation, and attractions in each city. These estimates will be based on current market rates and user feedback to ensure accuracy and reliability.

**3. User-Friendly Interface:** Design a user-friendly interface that allows users to easily navigate through the destination guides and budget tracking functionalities. The interface will be intuitive, visually appealing, and accessible across various devices to cater to the diverse needs of travelers.

**4. Practical Budget Tracking Tools:** Develop practical budget tracking tools that enable users to compare the budget before travel and what they spent after travel. This feature helps users to stay within their financial limits.

**5. Reliable Information and Updates:** Ensure that all travel information, including destination guides and expense estimates, is accurate, up-to-date, and reliable. Regular updates and maintenance will be conducted to reflect changes in prices, attractions, and travel trends.

By achieving these objectives, the Travel Blog & Budget Tracker project aims to empower travelers with the tools and information they need to plan memorable, budget-conscious trips to their desired destinations. Whether it's exploring iconic landmarks, immersing in local culture, or simply enjoying leisurely experiences, the project endeavors to enhance the overall travel experience for users, ultimately contributing to more fulfilling and enjoyable journeys.

### **1.3) Organization of Report**

#### **1. Introduction:**

- Provides an overview of the project, including its objectives, significance, and motivation.
- Outlines the scope and structure of the report.

#### **2. Project Overview:**

- Provides a detailed overview of the Travel Blog & Budget Tracker platform, including its features, functionalities, and target audience.
- Describes the design principles, user interface, and technical specifications of the platform.

#### **3. Methodology:**

- Describes the methodology adopted for the project, including data collection, analysis, and implementation.
- Discusses the tools, techniques, and approaches used in developing the Travel Blog & Budget Tracker platform

#### **4. Destination Guides:**

- Presents comprehensive travel guides for cities covered in the project
- Highlights must-visit landmarks, attractions, cultural experiences, practical travel tips, and local insights for each city.

#### **5. Budget Tracker:**

- Develop practical budget tracking guide that enable users compare and monitor their total travel budgets for each city before and after travel. This will help users to be mindful of the expenses and ways to minimize spending on their travels.

#### **6. Results and Analysis:**

- Presents the findings and analysis of the project, including user feedback, usage statistics, and performance metrics. It also discusses the effectiveness of the platform in meeting its objectives and user needs.

#### **7. Discussion:**

- Provides a critical discussion of the project outcomes, limitations, and areas for improvement.
- Addresses any challenges encountered during the project implementation and potential solutions.

#### **8. Conclusion:**

- Summarizes the key findings, contributions, and implications of the Travel Blog & Budget Tracker project and highlights the significance of the project in addressing the needs of modern travelers and enhancing their travel experiences.

#### **10. References:**

- Lists all sources cited in the report, including literature, research papers, and online resources.

## **Chapter 2: BACKGROUND OVERVIEW**

### **2.1) Technologies involved**

#### **1. User-Centered Design (HTML, CSS):**

- HTML and CSS are utilized to create intuitive and visually appealing user interfaces, ensuring that the design of the Travel Journal & Budget Tracker platform is user-friendly and accessible.
- Concepts of user-centered design are applied to understand user needs and preferences, guiding the layout, navigation, and presentation of content to enhance usability and engagement.

#### **2. Information Architecture (HTML, CSS):**

- HTML structures the content of the platform, organizing destination guides, budget tracking tools, and other features into logical and hierarchical elements.
- CSS styles are applied to enhance the visual hierarchy, typography, and layout of the platform, ensuring that information is presented in a clear and organized manner for easy navigation and comprehension.

#### **3. Budgeting Theory (JavaScript):**

- JavaScript is used to develop interactive budget tracking tools, allowing users to set, update, and monitor their travel budgets dynamically.
- Concepts of budgeting theory is integrated into the design of these tools, enabling users to allocate funds effectively, track expenses, and adjust budgets based on changing priorities and circumstances.

#### **4. Destination Management (HTML, PHP, MySQL):**

- HTML templates are used to create comprehensive travel guides for each city, incorporating descriptions, images, maps, and practical travel tips.
- PHP is utilized to retrieve and display dynamic content from a MySQL database, allowing for the management and customization of destination information based on user preferences and updates.

#### **5. Technology Integration (JavaScript, PHP):**

- JavaScript is employed to integrate dynamic features such as interactive maps, multimedia content, and real-time updates into the platform, enhancing user engagement and functionality.
- PHP facilitates server-side processing and interaction with databases, enabling the seamless integration of data-driven functionalities, user authentication, and content management.

#### **6. Data-driven Decision Making (JavaScript, PHP, MySQL):**

- JavaScript and PHP are used to collect and process user feedback, usage statistics, and performance metrics, facilitating data-driven decision-making processes.
- MySQL databases store and manage user data, allowing for the analysis of trends, patterns, and user behavior to inform iterative design and development decisions.



## **2.2) Conceptual Overview**

In this project, we aim to create a dynamic travel journal and budget tracker website. The website will consist of several static webpages featuring different travel destinations, allowing users to explore and plan their trips efficiently. Additionally, it will include a login and registration system for user authentication and a database to store user information securely.

### **HTML, CSS, and JavaScript Usage:**

HTML (HyperText Markup Language), CSS (Cascading Style Sheets), and JavaScript form the foundation of the front-end development. HTML is utilized for creating the structure and content of the webpages, CSS is employed to style and design the pages, and JavaScript adds interactivity and enhances user experience. Together, these technologies ensure a visually appealing and responsive user interface.

### **JavaScript and PHP for Login and Registration:**

JavaScript is used to handle user authentication for the login and registration functionalities. JavaScript helps in form validation of login and registration forms. When users submit their credentials, PHP scripts verify the information against the database, allowing authenticated users to access their accounts. PHP also facilitates session management to maintain user login status across multiple pages.

### **Database Connectivity with PHP and database management with MySQL:**

MySQL is employed as the relational database management system (RDBMS) to store user data securely. PHP (Hypertext Preprocessor) scripts establish connections to the MySQL database, allowing for efficient retrieval, insertion, updating, and deletion of user information. By leveraging MySQL, the website ensures data integrity and scalability, enabling seamless management of user accounts and travel data.

## **Chapter 3: METHODOLOGY**

### **3.1) Detailed methodology that will be adopted**

The methodology adopted for the development of the Travel Blog & Budget Tracker project involves several stages, including planning, analysis, design, implementation, testing, and deployment. Below is a detailed overview of each stage:

#### **1. Planning:**

- Define project objectives, scope, and requirements based on user needs and market research.
- Identify target audience demographics, preferences, and behaviors to inform design decisions.
- Establish project timelines, milestones, and resource allocations to ensure efficient project management.

#### **2. Analysis:**

- Conduct research on popular travel destinations, landmarks, attractions, and cultural experiences for inclusion in the platform.
- Gather data on estimated expenses for accommodation, dining, transportation, and attractions in each destination.
- Analyze user feedback, reviews, and surveys to identify pain points, preferences, and desired features for the platform.

#### **3. Design:**

- Develop wireframes and mockups to visualize the layout, structure, and functionality of the platform.
- Create user personas and user journeys to understand user behavior and inform interface design.
- Design the user interface (UI) and user experience (UX) to be intuitive, engaging, and accessible across different devices and screen sizes.
- Define the information architecture, navigation paths, and content organization for the platform.

#### **4. Implementation:**

- Develop the front-end of the platform using HTML, CSS, and JavaScript to create the user interface and interactive features.
- Implement server-side scripting using PHP to handle form submissions, database interactions, and server-side logic.
- Set up the database schema using MySQL to store and manage user data, destination information, and budget tracking data.

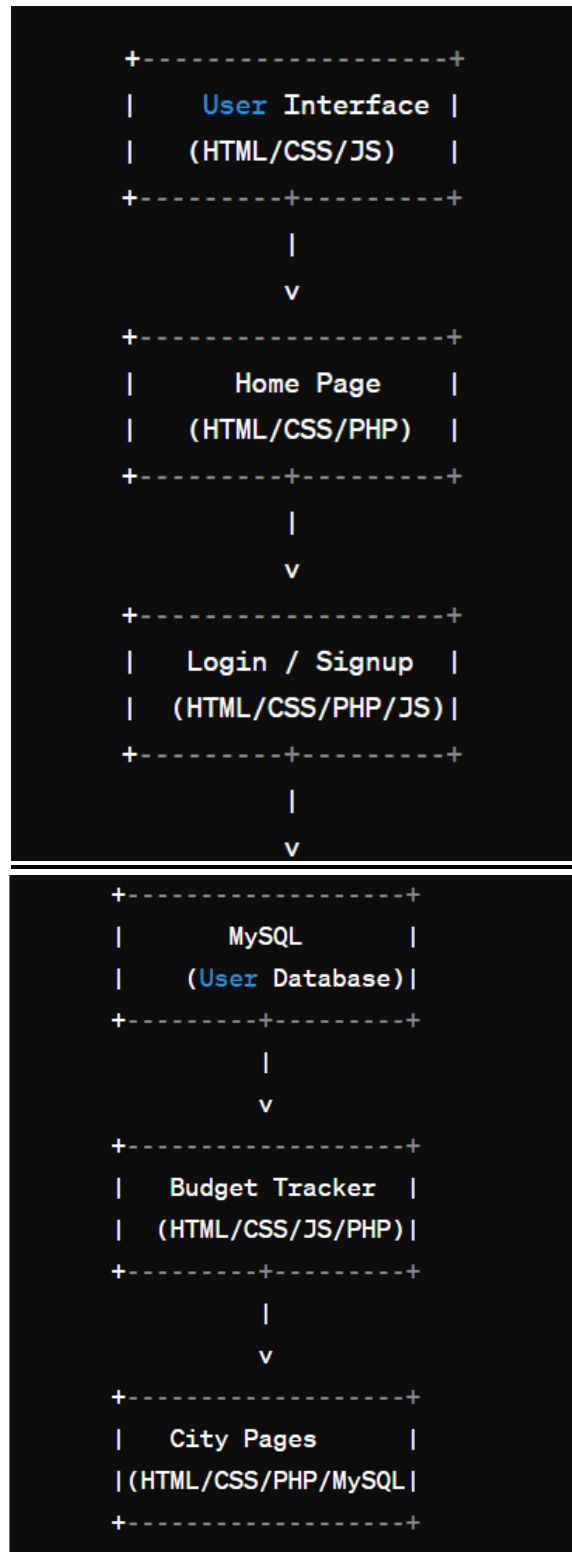
#### **5. Testing:**

- Conduct unit testing to ensure the functionality and integrity of individual components and features.

- Perform integration testing to verify the interaction and compatibility of different modules and systems.

By following this methodology, the Travel Journal & Budget Tracker project aims to deliver a high-quality, user-friendly platform that empowers travelers to plan and manage their trips effectively while staying within their budget constraints.

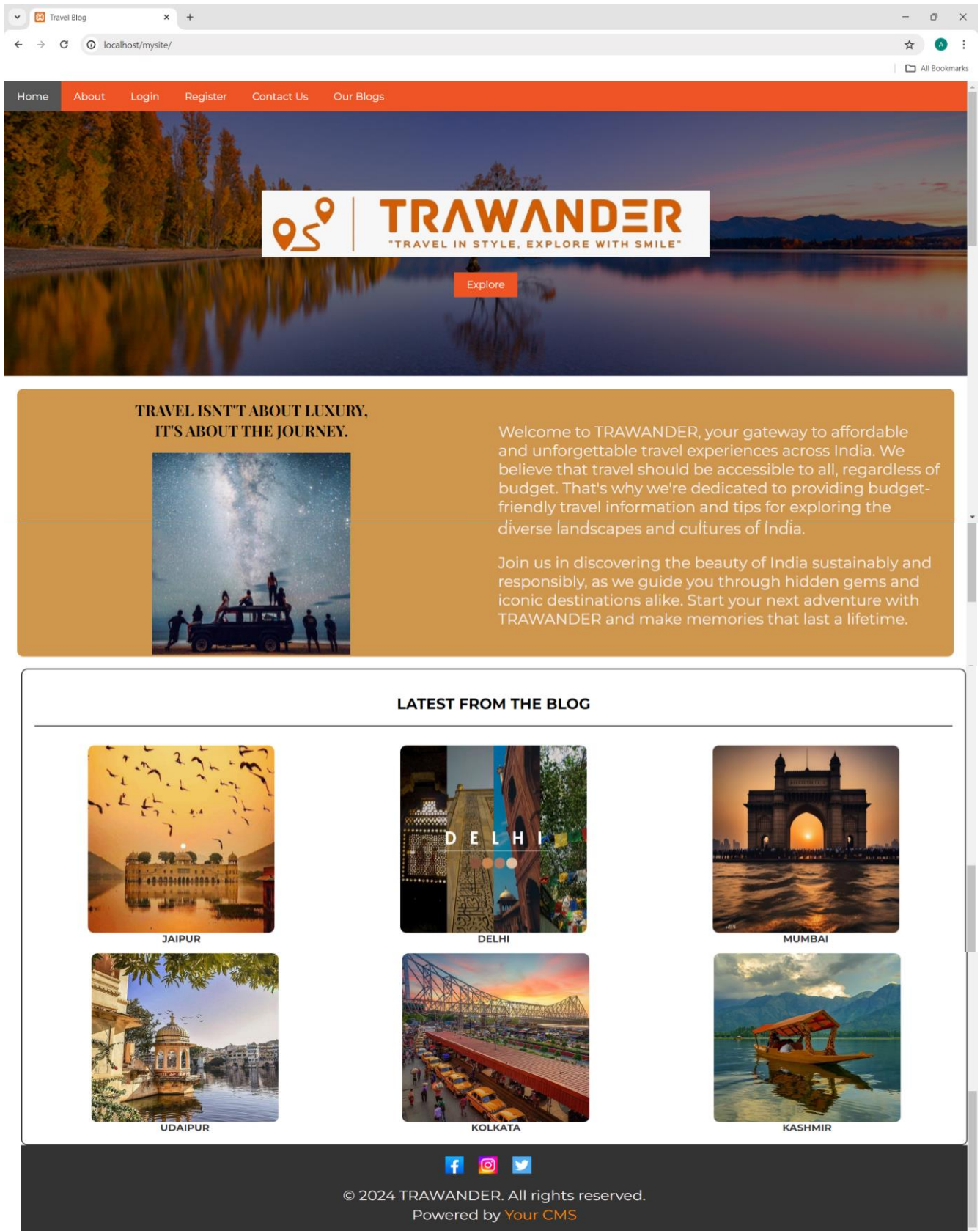
### 3.2) Block Diagram



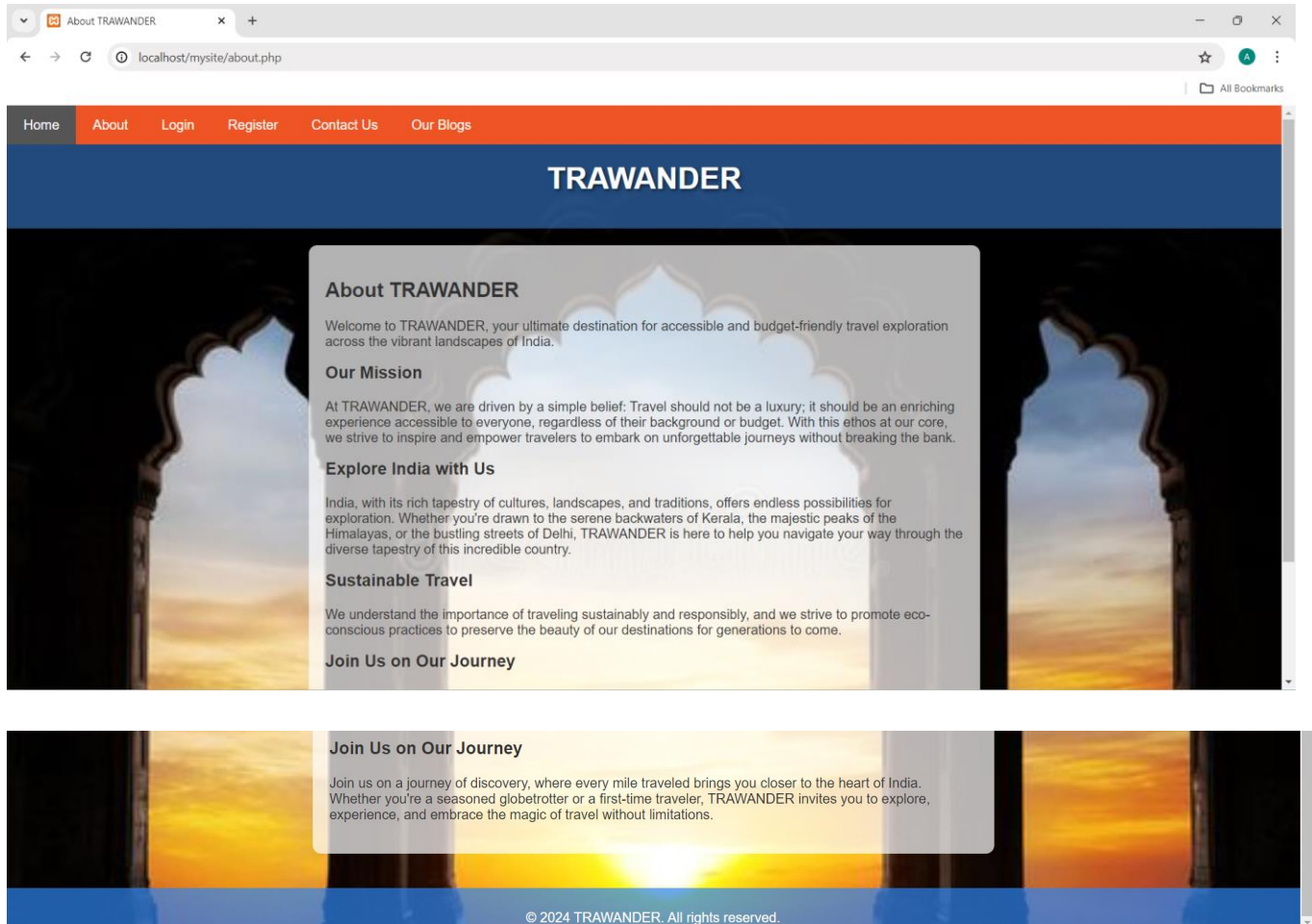
## Chapter 4: IMPLEMENTATION AND RESULTS

### 4.1) Prototype

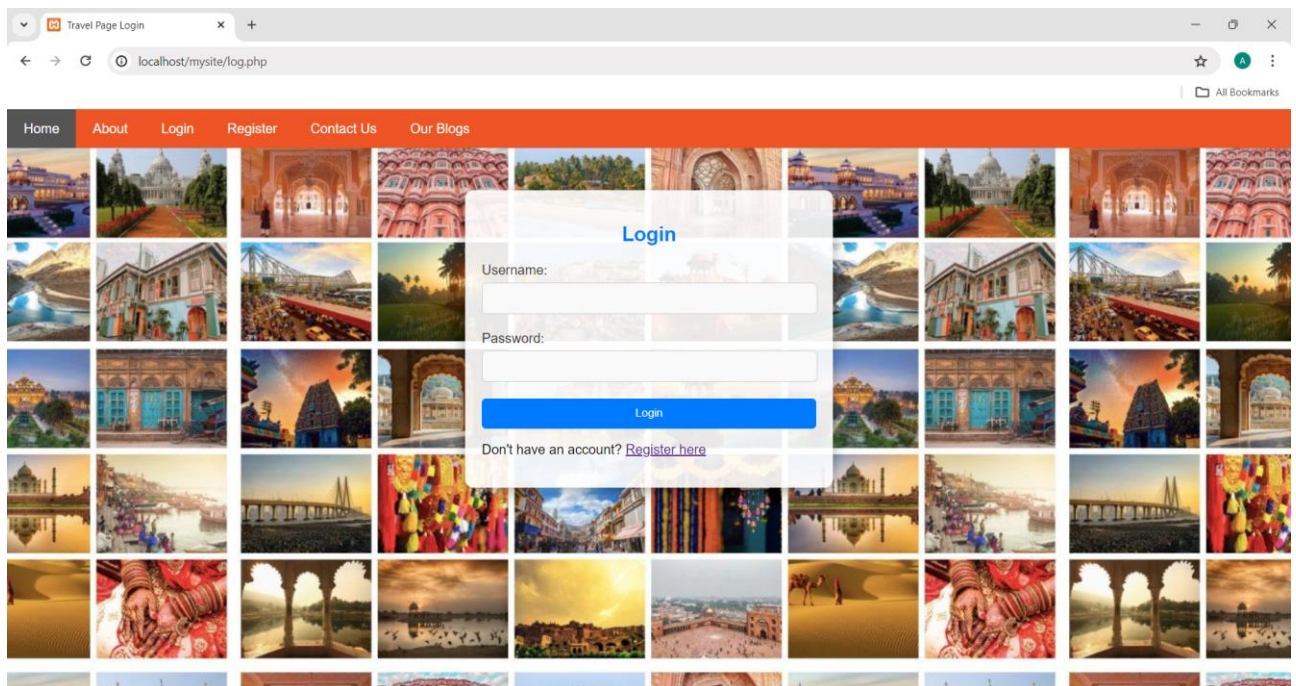
#### HOME PAGE



## ABOUT PAGE



## LOGIN PAGE





## REGISTRATION PAGE

Registration

Name:

Email:

Home Country:

Gender: ☐ Male ☐ Female ☐ Other

Username:

Password:

Confirm Password:

[Register](#)

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

## CONTACT PAGE

### Contact Us

#### OUR SOCIAL HANDLES

**Email**

Contact us at:

priyal.229302252@mu.j.manipal.edu

ananya.229302272@mu.j.manipal.edu

**Social Media**

[Facebook](#) [Instagram](#) [Twitter](#)


**Mailing Address**


Manipal University Jaipur, Dehmi Kalan, BAGRU, RAJASTHAN 303007, India

**Who Are We?**

We are students of Manipal University Jaipur, pursuing our BTech IT degree. We made this website to share our fun travel experiences through blogs and reach as many people as we can to instill in them the passion for traveling and exploring our own country and recognizing its beauty. India has provided us with such a rich culture with different types of natural features from deserts to the highest peak, Everest.

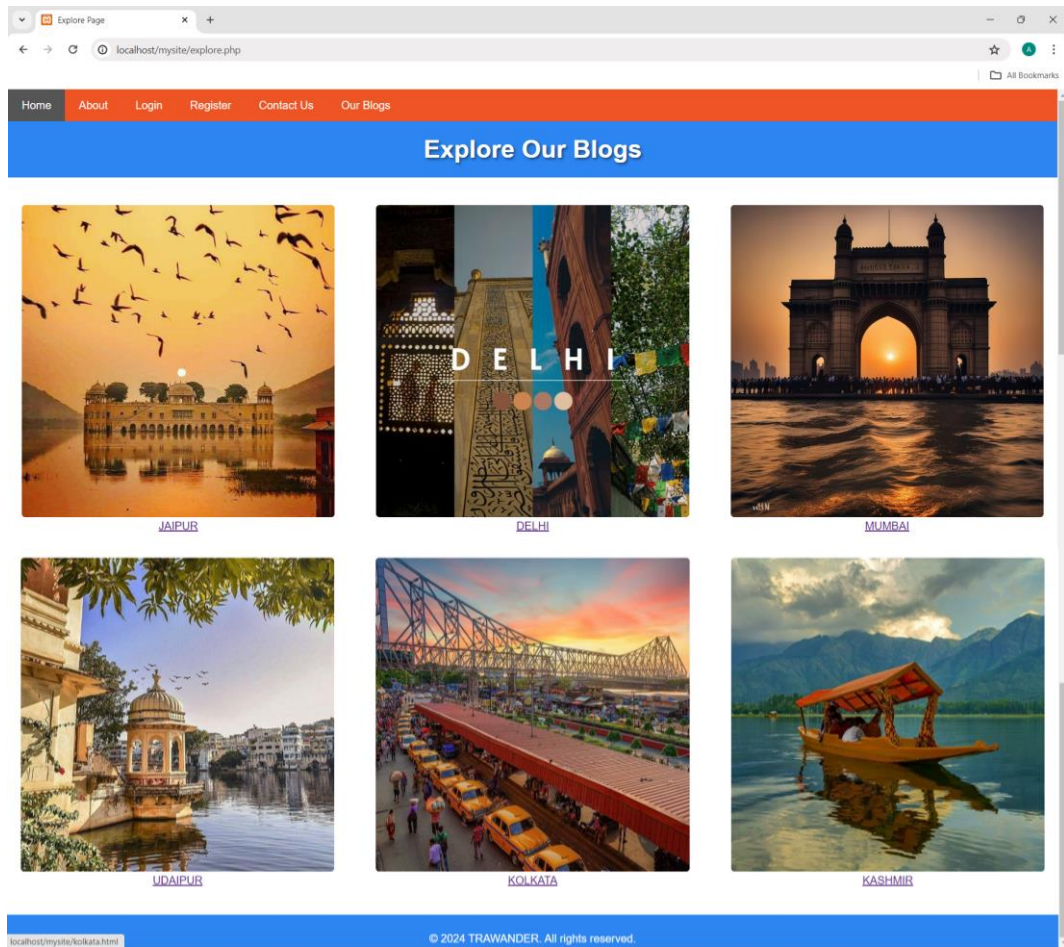
#### FACES BEHIND THIS WEBSITE

  
Priyal Goenka

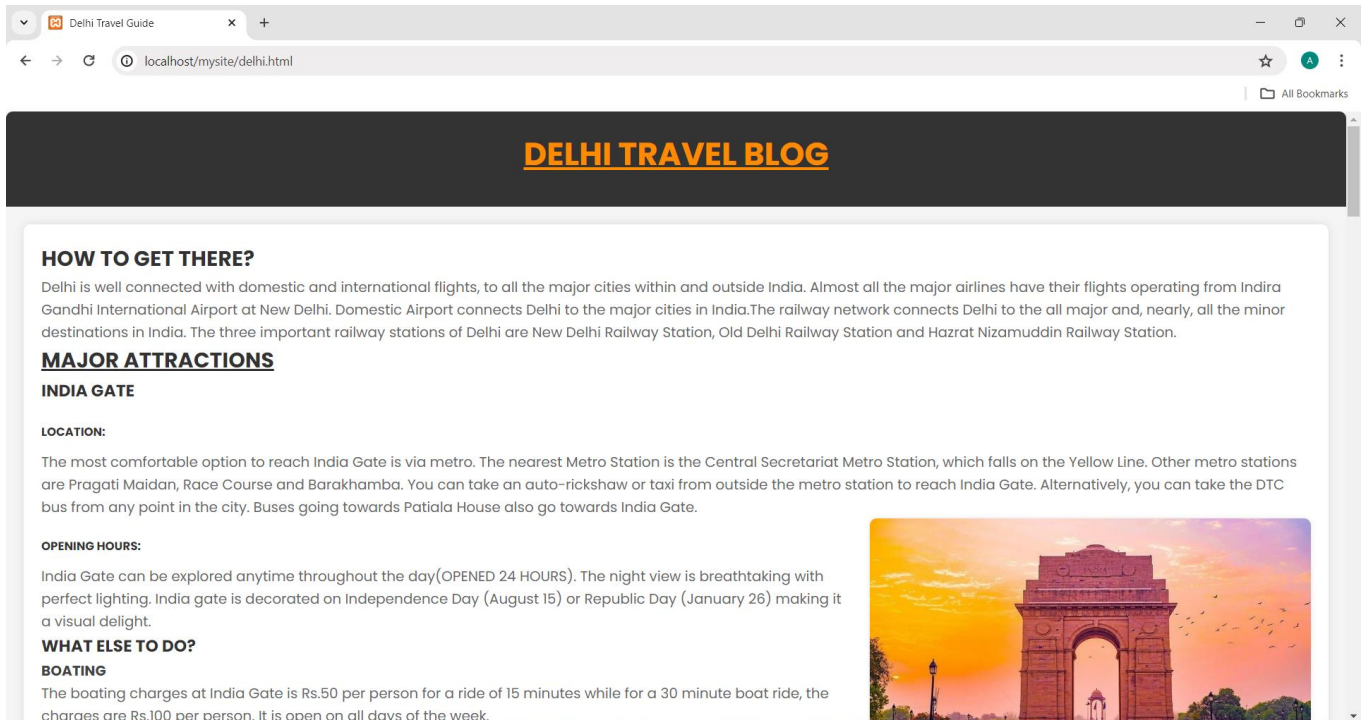
  
Ananya Gupta

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## OUR BLOGS



## TRAVEL BLOGS





## AKSHARDHAM TEMPLE

### LOCATION:

Akshardham Mandir Delhi is easily accessible from all the parts of the city. It is well connected via public transport ranging from government run buses to metro railways. The nearest metro station to the Swaminarayan Akshardham Delhi is Akshardham Metro Station on the Blue line which is only 350 meters away. Hence, tourists can get down at this station and walk to the temple. If interested, one can also hire an auto rickshaw to the temple in minimum fare.

If coming via Yellow line of Delhi Metro, one needs to get down at Rajiv Chowk metro station and then board a metro train towards Akshardham temple on the Blue line. The distance from Delhi Airport to Akshardham Temple is around 21 km which can be covered within 1 and half hours of time. The common route to the temple from the airport is via Thimayya Marg.

### OPENING HOURS:

Akshardham Temple opens every week, from Tuesday to Sunday. Akshardham Delhi closing day is Monday. Timings of Akshardham Temple are from 10.00 AM to 6.30 PM. Mandir Aarti timings are from 10 AM and 6 PM. While for the various shows and exhibitions, the opening time of Akshardham complex is 9.30 AM and the closing time is 8 PM.

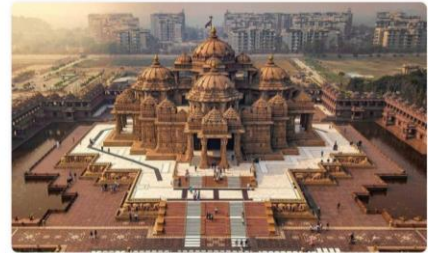
### AKSHARDHAM MUSICAL PERFORMANCE

Akshardham Musical Fountain and the water show is the major attraction of this temple. It is undeniably the most popular musical fountain in Delhi. Conducted at Yagnapurush Kund, Sahaj Anand Water Show is a breathtaking blend of technology with creativity.

Akshardham Light & Sound presents story from ancient Hindu scriptures Kena Upanishad. Akshardham Light & Sound show timings usually starts after sunset. Presently the shows are from 7.30 PM from Tuesday to Sunday.

Number of Akshardham water show & timings can vary sometimes. For instance, on weekends and holidays there are more number of shows. The musical fountain show is 24 minutes long and is conducted in Hindi language.

Akshardham ticket price for the show is Rs.80 per person for adults and Rs.50 for children between the age group of 4-11 years. The entry is free for children below 4 years of age



## BEST HOTELS

### ROSEATE HOUSE

Roseate House New Delhi is a contemporary narrative creating a new age revolution in the hospitality space offering 216 spacious plush rooms with 15 suites, including the Presidential suite and an opulent Villa spread across 500 square metres. Each room is equipped with state of the art amenities, a four fixture bathroom, a flexible workstation, LED television and luxe amenities. Sample mouth-watering fare at DEL, the all-day world cuisine bistro, fine Indian cuisine at Kheer and an impressive beverage menu at Chidya Ghar Bar. Savour scrumptious handpicked menu at Tara the Japanese roof top lounge and taste the finest tea selection from across the globe teamed with patisserie delights at Roasted. Meet and celebrate at the gorgeous Ball Room, perfect for world-class symposiums, brand launches and cocktail dinners or convene at the versatile VIP Lounge, Club Lounge or Club Prive for corporate meetings. Discover a bouquet of leisure offerings namely Aheli spa with 4 therapy rooms, salon, steam room and sauna, a gym and an infinity pool. The hotel also houses a luxe retail boulevard and an ultra-chic cinema hall - Upstage providing the best cinematic experience in the country. The hotel is within a convenient 4.5 km from the airport with easy access to corporate hubs and entertainment centers in Delhi and Gurgaon.

### THE LALIT NEW DELHI

The Lalit Hotels in Delhi, one of the best luxury hotels in Delhi India, stands tall right in the middle of city's premier business and commercial district - Connaught Place. Being the central luxury business hotel in Delhi, it is located right next to lively shopping centres, office complexes and colourful streets, the hotel is 24 kms from the international airport and just minutes away from government offices, cultural centres and international trade fairgrounds. With the largest room sizes amongst all luxury hotels Delhi, The Lalit New Delhi offers a total of 461 five star hotel rooms. The bedrooms are all well tailored to the needs of both a business traveler as well as a vacationer and accompanied by hotels modern amenities and elegant decor. Guests at our luxury hotels, have an option of choosing from a Deluxe Rooms, Lalit Luxury Rooms and the suites. Serving cuisines from both the world of east and west, The Lalit, hotels New Delhi offers four fine dining restaurants serving food to suit all types of palate. For those enjoying traditional Oriental food, The Woks serve authentic Oriental food while The Grill serves European food. And if guests want to taste food prepared in the traditional Indian way, we invite them to try our Indian cuisine at Baluchi while our multi-cuisine restaurant and Bar - 24/7 is the best place for guests who enjoy food while also interacting with chefs of the restaurant. At 24/7 guests have an option of choosing variety of food at the buffet or being selective through the elaborate a-la-carte menu.

### RED FOX HOTEL

It offers a family-friendly setting with an array of amenities designed for travellers like you. Nearby landmarks such as Manekshaw Centre, Delhi Cantt. (2.5 mi) and Yamaya Temple

## HUNGRY? RESTAURANTS IN DELHI

### CORNER LOUNGE AND BAR

#### ABOUT

The Corner Lounge & Bar - Perfect Place for conversations, being an ideal choice for casual luncheons, refreshing cocktails and late night evening meal

#### PRICE RANGE

₹800 - ₹1,500

#### CUISINES

Bar, Cafe, European, Contemporary, Diner

#### SPECIAL DIETS

Vegetarian Friendly

#### MEALS

Lunch, Dinner

#### FEATURES

Reservations, Outdoor Seating, Seating, Valet Parking, Television, Serves Alcohol, Full Bar, Table Service, Highchairs Available, Wine and Beer, Digital Payments, Free Wifi, Accepts Credit Cards, Live Music, Family style

#### THYME

#### PRICE RANGE

₹1,750 - ₹1,880

#### CUISINES

Indian, Bar, Seafood, International, Asian, South American

#### SPECIAL DIETS





## BUDGET TRACKER

A pool and free breakfast will also help to make your stay even more special. If you are driving to Red Fox Hotel, Delhi Airport, free parking is available. While in New Delhi be sure to experience nearby seafood restaurants such as High Street Kitchen & Bar. New Delhi is also known for some great history museums, including Indira Gandhi Memorial Museum, Nehru Memorial Museum, and Malliah Memorial Theater Craft Museum, which are not too far from Red Fox Hotel, Delhi Airport. At Red Fox Hotel, Delhi Airport, your comfort and satisfaction come first, and they look forward to welcoming you to New Delhi.

### Budget Tracker

**Before  
Travel**

Hotel Stay Price:

Enter price

Food Expense:

Enter price

Travel Expense:

Enter price

**Total:**  
₹0

**After  
Travel**

Hotel Stay Price:

Enter price

Food Expense:

Enter price

Travel Expense:

Enter price

**Total:**  
₹0

Calculate Total

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Delhi Travel Guide

localhost/mysite/delhi.html

(2.8 mi) make Red Fox Hotel, Delhi Airport a great place to stay when visiting New Delhi. Rooms at Red Fox Hotel, Delhi Airport offer a flat screen TV and air conditioning providing exceptional comfort and convenience, and guests can go online with free wifi. 24 hour front desk, a concierge, and room service are some of the conveniences offered at this hotel. A pool and free breakfast will also help to make your stay even more special. If you are driving to Red Fox Hotel, Delhi Airport, free parking is available. While in New Delhi be sure to experience nearby seafood restaurants such as High Street Kitchen & Bar. New Delhi is also known for some great history museums, including Indira Gandhi Memorial Museum, Nehru Memorial Museum, and Malliah Memorial Theater Craft Museum, which are not too far from Red Fox Hotel, Delhi Airport. At Red Fox Hotel, Delhi Airport, your comfort and satisfaction come first, and they look forward to welcoming you to New Delhi.

### Budget Tracker

|                          |                          |                      |                        |                          |
|--------------------------|--------------------------|----------------------|------------------------|--------------------------|
| <b>Before<br/>Travel</b> | Hotel Stay Price:<br>100 | Food Expense:<br>200 | Travel Expense:<br>300 | <b>Total:</b><br>₹600.00 |
| <b>After<br/>Travel</b>  | Hotel Stay Price:<br>100 | Food Expense:<br>100 | Travel Expense:<br>100 | <b>Total:</b><br>₹300.00 |

Calculate Total

You had a budget-friendly trip.

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### Budget Tracker

**Before  
Travel**

Hotel Stay Price:

100

Food Expense:

200

Travel Expense:

300

**Total:**  
₹600.00

**After  
Travel**

Hotel Stay Price:

100

Food Expense:

100

Travel Expense:

600

**Total:**  
₹800.00

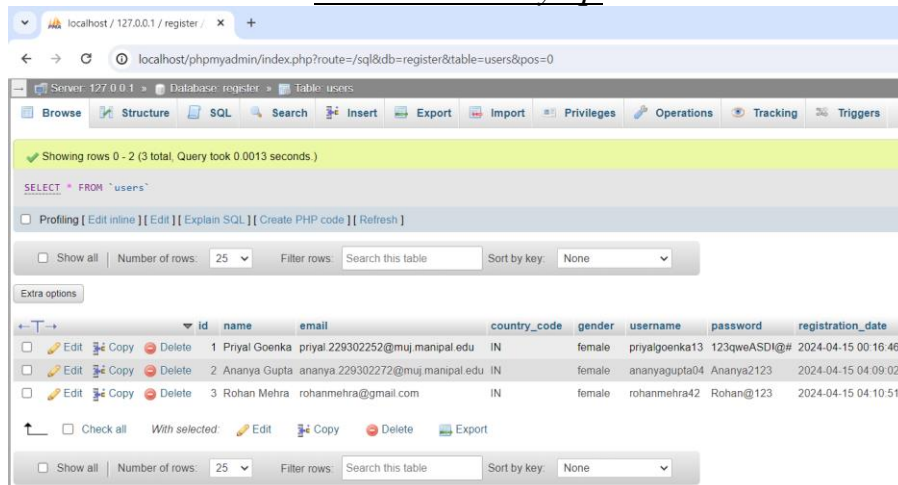
Calculate Total

YOU ARE EXCEEDING YOUR BUDGET!!!!!! Visit our website to travel in budget.

© 2024 Delhi Travel Guide

## 4.2) Code Snippets And Database

### Database In MySql



Showing rows 0 - 2 (3 total. Query took 0.0013 seconds)

SELECT \* FROM `users`

Number of rows: 25 Filter rows: Search this table Sort by key: None

|                          | id | name          | email                            | country_code | gender | username       | password     | registration_date   |
|--------------------------|----|---------------|----------------------------------|--------------|--------|----------------|--------------|---------------------|
| <input type="checkbox"/> | 1  | Priyal Goenka | priyal.229302252@muj.manipal.edu | IN           | female | priyalgoenka13 | 123qweASD!@# | 2024-04-15 00:16:46 |
| <input type="checkbox"/> | 2  | Ananya Gupta  | ananya.229302272@muj.manipal.edu | IN           | female | ananyagupta04  | Ananya2123   | 2024-04-15 04:09:02 |
| <input type="checkbox"/> | 3  | Rohan Mehra   | rohanmehra@gmail.com             | IN           | female | rohanmehra42   | Rohan@123    | 2024-04-15 04:10:51 |

Number of rows: 25 Filter rows: Search this table Sort by key: None

### JavaScript validation Code

```
// Validate password
if (password.trim() === "") {
    passwordErr.innerHTML = "Please enter a password.";
    isValid = false;
} else if (password.length < 6) {
    passwordErr.innerHTML = "Password must be at least 6 characters long.";
    isValid = false;
}

// Validate confirm password
if (confirmPassword.trim() === "") {
    confirmPasswordErr.innerHTML = "Please confirm your password.";
    isValid = false;
} else if (password !== confirmPassword) {
    confirmPasswordErr.innerHTML = "Passwords do not match.";
    isValid = false;
}

if (!isValid) {
    alert("Please fill in all required fields.");
}

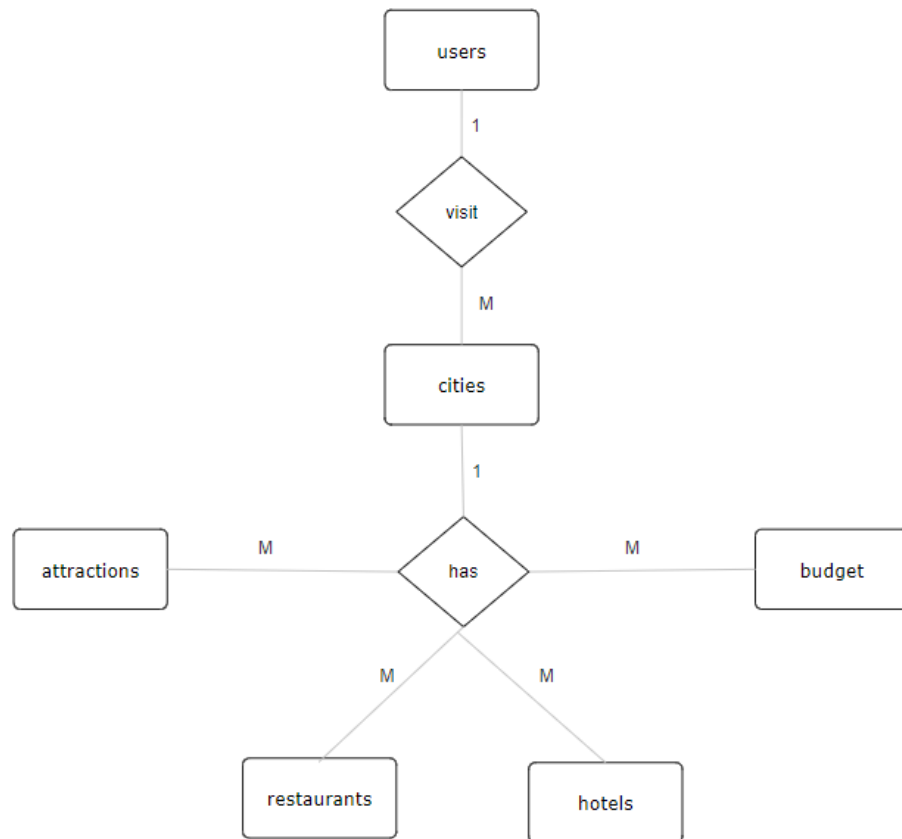
return isValid;
}

function isValidEmail(email) {
    // Regular expression for email validation
    var emailPattern = /^[^\s@]+@[^\s@]+\.[^\s@]+$/;
    return emailPattern.test(email);
}
```

### PHP Code To Connect With Database

```
reg.php
1 <?php
2 session_start();
3
4 include("db.php");
5
6 if ($_SERVER["REQUEST_METHOD"] == "POST") {
7     $name = $_POST['name'];
8     $email = $_POST['email'];
9     $country = $_POST['country'];
10    $gender = $_POST['gender'];
11    $username = $_POST['username'];
12    $password = $_POST['password'];
13
14    $query = "INSERT INTO users (name, email, country_code, gender, username, password)
15    VALUES ('$name', '$email', '$country', '$gender', '$username', '$password')";
16
17    mysqli_query($con, $query);
18
19    echo "<script type='text/javascript'> alert('Successfully Registered')</script>";
20 }
21 else
22 {
23     "<script type='text/javascript'> alert('Please Enter Valid Info')</script>";
24 }
25 ?>
```

### 4.3) E-R Diagram



### 4.4) Database and Schema

**Database Name:** Register

**Database Schema:**

**1.Attractions:**

attraction\_id INT PRIMARY KEY,  
name VARCHAR(255),  
location VARCHAR(255),  
description TEXT,  
city\_id INT,  
FOREIGN KEY (city\_id) REFERENCES cities(city\_id)

**2.Budget:**

budget\_id INT PRIMARY KEY,  
hotel\_before DECIMAL(10, 2),  
food\_before DECIMAL(10, 2),  
travel\_before DECIMAL(10, 2),  
hotel\_after DECIMAL(10, 2),  
food\_after DECIMAL(10, 2),

travel\_after DECIMAL(10, 2),  
 total\_after DECIMAL(10, 2),  
 total\_before DECIMAL(10, 2),  
 city\_id INT,  
 FOREIGN KEY (city\_id) REFERENCES cities(city\_id)

### **3.Cities:**

city\_id INT PRIMARY KEY,  
 city VARCHAR(255)

### **4.Hotels:**

hotel\_id INT PRIMARY KEY,  
 name VARCHAR(255),  
 description TEXT,  
 location VARCHAR(255),  
 city\_id INT,  
 FOREIGN KEY (city\_id) REFERENCES cities(city\_id)

### **5.Restaurants:**

restaurant\_id INT PRIMARY KEY,  
 name VARCHAR(255),  
 price\_range VARCHAR(50),  
 cuisine VARCHAR(255),  
 city\_id INT,  
 FOREIGN KEY (city\_id) REFERENCES cities(city\_id)

### **6.Users:**

id INT PRIMARY KEY,  
 name VARCHAR(255),  
 email VARCHAR(255),  
 country\_code VARCHAR(5),  
 gender CHAR(1),  
 username VARCHAR(255),  
 password VARCHAR(255),  
 registration\_date DATE

Server: 127.0.0.1 » Database: register

Structure SQL Search Query Export Import Operations Privileges Routines Events

Filters

Containing the word:

| Table                                | Action                                      | Rows     | Type          | Collation                 | Size             | Overhead   |
|--------------------------------------|---|----------|---------------|---------------------------|------------------|------------|
| <input type="checkbox"/> attractions | ★ Browse Structure Search Insert Empty Drop | 0        | InnoDB        | utf8mb4_general_ci        | 32.0 KiB         | -          |
| <input type="checkbox"/> budget      | ★ Browse Structure Search Insert Empty Drop | 0        | InnoDB        | utf8mb4_general_ci        | 48.0 KiB         | -          |
| <input type="checkbox"/> cities      | ★ Browse Structure Search Insert Empty Drop | 0        | InnoDB        | utf8mb4_general_ci        | 16.0 KiB         | -          |
| <input type="checkbox"/> hotels      | ★ Browse Structure Search Insert Empty Drop | 0        | InnoDB        | utf8mb4_general_ci        | 32.0 KiB         | -          |
| <input type="checkbox"/> restaurants | ★ Browse Structure Search Insert Empty Drop | 0        | InnoDB        | utf8mb4_general_ci        | 32.0 KiB         | -          |
| <input type="checkbox"/> users       | ★ Browse Structure Search Insert Empty Drop | 5        | InnoDB        | utf8mb4_general_ci        | 16.0 KiB         | -          |
| <b>6 tables</b>                      | <b>Sum</b>                                  | <b>5</b> | <b>InnoDB</b> | <b>utf8mb4_general_ci</b> | <b>176.0 KiB</b> | <b>0 B</b> |

## **Chapter 5: TIMELINE**

### **5.1) Project Time Line**

#### **Timeline:**

##### **Planning (Week 1-2):**

- Define project objectives, scope, and requirements.
- Conduct market research and user analysis.
- Develop project plan, timeline, and resource allocation.

##### **Development (Week 3-6):**

###### **1)Front-End Development:**

- Design user interface mockups and wireframes.
- Develop HTML/CSS templates for web pages.
- Implement JavaScript for interactivity and dynamic content.

###### **2)Back-End Development:**

- Set up server environment with PHP.
- Design and implement database schema with MySQL.
- Develop server-side scripts for data processing and logic.

##### **Testing & Debugging (Week 7-8):**

- Conduct unit testing for front-end and back-end components.
- Identify and fix bugs, errors, and usability issues.

### **5.2) Future Work**

#### **1. Enhanced Features:**

- Implement additional features such as user-generated content, social sharing, and travel itineraries.
- Integrate advanced budgeting tools, including currency conversion and expense categorization.

#### **2. Personalization and Customization:**

- Develop personalized recommendations based on user preferences, travel history, and feedback.
- Allow users to customize their profiles, preferences, and itinerary recommendations.

#### **3. Community Engagement:**

- Establish a community platform for users to share travel experiences, tips, and recommendations.
- Encourage user-generated content through forums, blogs, and social media integration.

## **Conclusion**

The development of our travel blog website has been a collaborative effort, merging HTML, CSS, JavaScript, PHP, and MySQL to create a comprehensive platform for travelers. Key features include user authentication, budget tracking, and detailed city pages.

Our focus on user authentication using PHP and MySQL enables secure registration and login functionalities, facilitating personalized experiences for users. The budget tracking feature, powered by JavaScript and PHP, empowers travelers to monitor expenses and compare them against budgets, aiding in financial planning.

City pages serve as invaluable resources, offering insights into hotels, restaurants, attractions, and budget travel tips. These dynamic pages leverage JavaScript for interactivity and PHP for data retrieval, providing users with essential trip-planning information.

With a keen eye on user interface design and data security, our website ensures an intuitive and visually appealing experience. Ongoing improvements may include database optimization, UI/UX enhancements, and the introduction of new features to enrich user experiences.

In summary, our travel blog website represents a dynamic fusion of technologies, delivering value to travelers worldwide through innovation and continuous refinement.

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