

**“TravelHub-Your Journey, Your Way, Our Expertise”**

**Second year Mini Project Report**

Submitted in partial fulfillment of the requirements of the  
degree

**BACHELOR OF ENGINEERING IN COMPUTER  
ENGINEERING**

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**(AY 2023-24)**

# **CERTIFICATE**

This is to certify that the Mini Project entitled “ **TravelHub** ” is a bonafide work of **Anisha Shankar (D7B/06)** , **Samruddhi Jatkar (D7B/20)** **Himaja Pannati (D7B/40)**, **Wafiya Shaikh (D7B/48)**, **Santosh Hinduja (D7C/68)** submitted to the University of Mumbai in partial fulfillment of the requirement for the award of the degree of “**Bachelor of Engineering**” in “**Computer Engineering**” .

(Prof.\_\_\_\_\_)

Supervisor

(Prof.\_\_\_\_\_)

Head of Department

(Prof.\_\_\_\_\_)

Principal

# **Mini Project Approval**

This Mini Project entitled “TravelHub” by **Anisha Shankar (D7B/06) , Samruddhi Jatkar (D7B/20) Himaja Pannati (D7B/40), Wafiya Shaikh (D7B/48), Santosh Hinduja (D7C/68)** is approved for the degree of **Bachelor of Engineering** in **Computer Engineering.**

## **Examiners**

**1.....**  
(Internal Examiner Name & Sign)

**2.....**  
(External Examiner name & Sign)

Date:

Place:

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## **Abstract :**

The "TravelHub-Your journey, your way, our expertise" project represents a cutting-edge online travel platform designed to enhance travel experience of travellers. By seamlessly connecting travelers with an array of destinations and curated packages offered by renowned tour companies, TravelHub serves as the ultimate resource for planning memorable journeys. This report encapsulates the project's inception, objectives, development, and findings.

Tour Management System is a dynamic and responsive website designed specifically for the tourism industry, catering to agencies and tour operations. As an essential tool for planning the perfect trip, it provides users with easy access to crucial details such as locations, events, and more. In today's world where vacations are a necessity for nearly everyone, this system meets the need of the hour by streamlining the entire process, ensuring seamless travel experiences for all.

Our platform harnesses the power of advanced search algorithms to provide personalized recommendations tailored to individual preferences and interests. From exotic getaways to cultural expeditions, TravelHub offers a diverse selection of destinations and activities to suit every traveler's desires. With user-friendly navigation and secure booking capabilities, travelers can confidently explore the world with ease. Whether seeking relaxation on tropical beaches or embarking on adrenaline-fueled adventures, TravelHub empowers travelers to unlock new horizons and create unforgettable memories.

## **1. Introduction :**

### **1.1 Introduction :**

Travel and Tourism is one of the world's largest industries, playing a significant role in global economies and cultural exchange. The travel industry includes various components such as transportation, accommodation, hospitality, entertainment, recreation, and destination management. It has witnessed a paradigm shift with the advent of online travel platforms.

Our project, "TravelHub-Your journey, your way our expertise," aims to revolutionize travel planning, catering to all the needs of travelers, of hotels, restaurants, help them find out various tourist spots, and to connect with other tourists on exciting journeys. This report presents the details of our project's inception, development, and objectives.

### **1.2 Motivation :**

The motivation behind our project is to provide a user-friendly and efficient platform for travelers to plan their journeys with ease. We recognize the need for a comprehensive website for tour planning, and offers various diverse itineraries by tour companies to suit individual preferences.

### **1.3 Problem Statement and Objectives :**

Travelling enriches perspective but trip planning is time consuming. Many apps exist for hotels, transport, itineraries. Tour operators face obstacles in reaching their target audience effectively and managing bookings and operations efficiently. There are some problems that exist in traditional systems, and those are given as follows:

- There will be many users visiting the portal, and hence we require a reliable and robust frontend that can withhold the users on our site.
- We Need a secure database, whereas data will be store by everyone.
- Tourists don't have the information about where to go

Objectives :

1. Provide a seamless and interactive travel experience.
2. Save time for users.
3. Offer comprehensive travel services.
4. Enhance User Satisfaction.

### **1.4 Organization Of the Project :**

Chapter 1: Introduction to the project.

Chapter 2: Literature survey.

Chapter 3: Proposed system and conclusion.

Chapter 4: Experiment results and future work.

Chapter 5: References.

## **2.Literature Survey :**

### **2.1 Survey of Existing System :**

This work designed and implemented an intelligent platform that will help the tourists to get accurate and relevant information about the tourism places, hotels to stay there, with some exciting itineraries. The proposed work was designed and implemented using the Unified Modelling Language (UML), Microsoft Access 2010 and Visual Studio programming languages.

Through the utilization of computer technology, new classes of operations based on adjacency, distance, proximity and route optimization were made available to the final user in addition to more traditional multimedia data navigation and presentation functionality.

### **2.2 Limitation of Existing System and Research Gap :**

- In the existing system, transport facilities are not provided, as to book flight, vehicles for transportation, a separate section or interface for such service has not been done yet.
- The existing system may not prioritize or adequately promote sustainable tourism practices, such as eco-friendly accommodations or responsible tour operators, limiting options for travelers who prioritize sustainability.
- Thus, the existing system is very time consuming and being manual work sometimes leads to a great loss as well.

### **2.3 Mini Project Contribution :**

1. This portal will provide a facility to the tourists to visit numerous itineraries all at one place.
2. Creating this portal will effectively reduce the amount of paperwork.

### 3. Proposed System (eg New Approach of Data Summarization) :

#### 3.1 Introduction :

- Signup: New users give their completed personal details, address, email, and phone number for registration.
- Login: The user enters their username and password for login
- Home page : User can simply explore of what to get from this website, with different features like currency convertor,blog writing
- About Us : About our team, our vision behind developing the website and many more.
- Packages : Travel packages and itineraries of different places.
- Gallery : A Tourists' Gallery page for tourists to post photos.
- Contact Us : Some Contact numbers for people to contact us for their queries.

#### 3.2 Architecture and Framework :

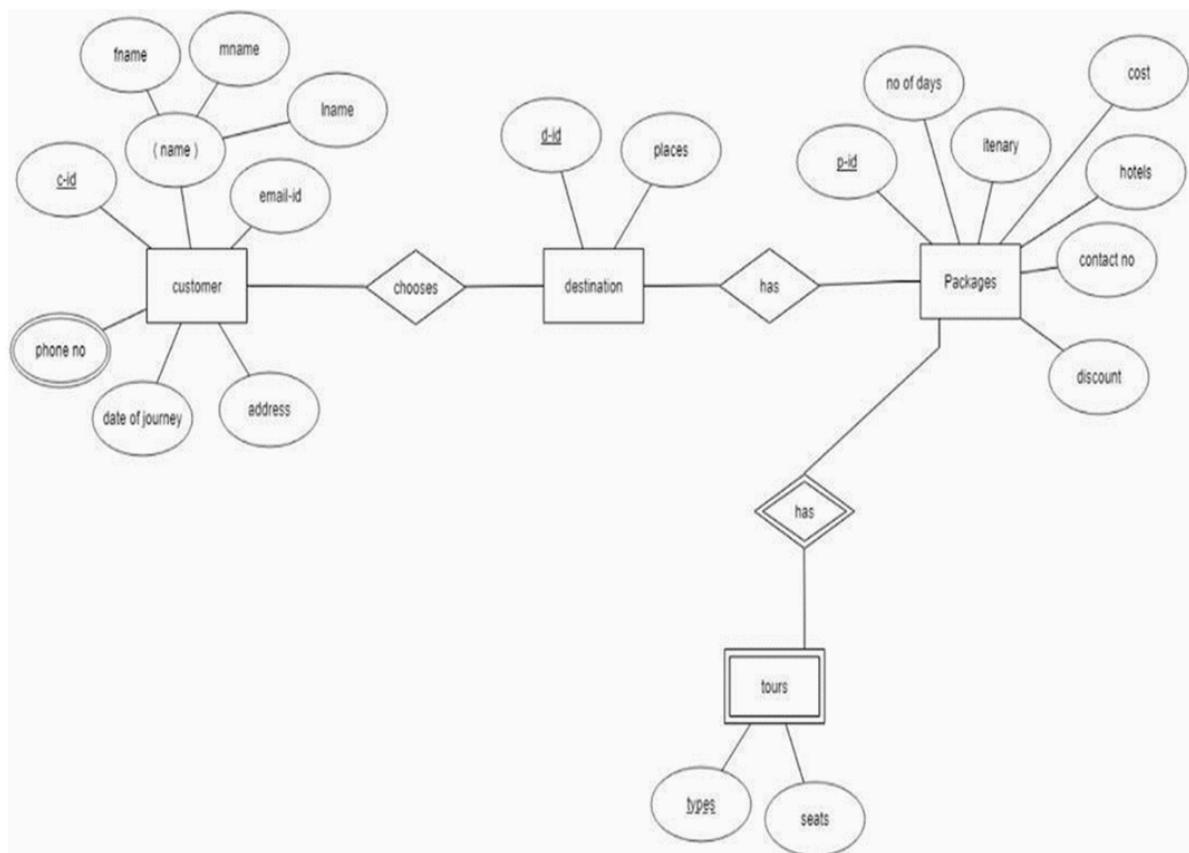


Fig 3.2 : Diagram of Architecture of proposed system

### **3.2 Algorithm and Process Design :**

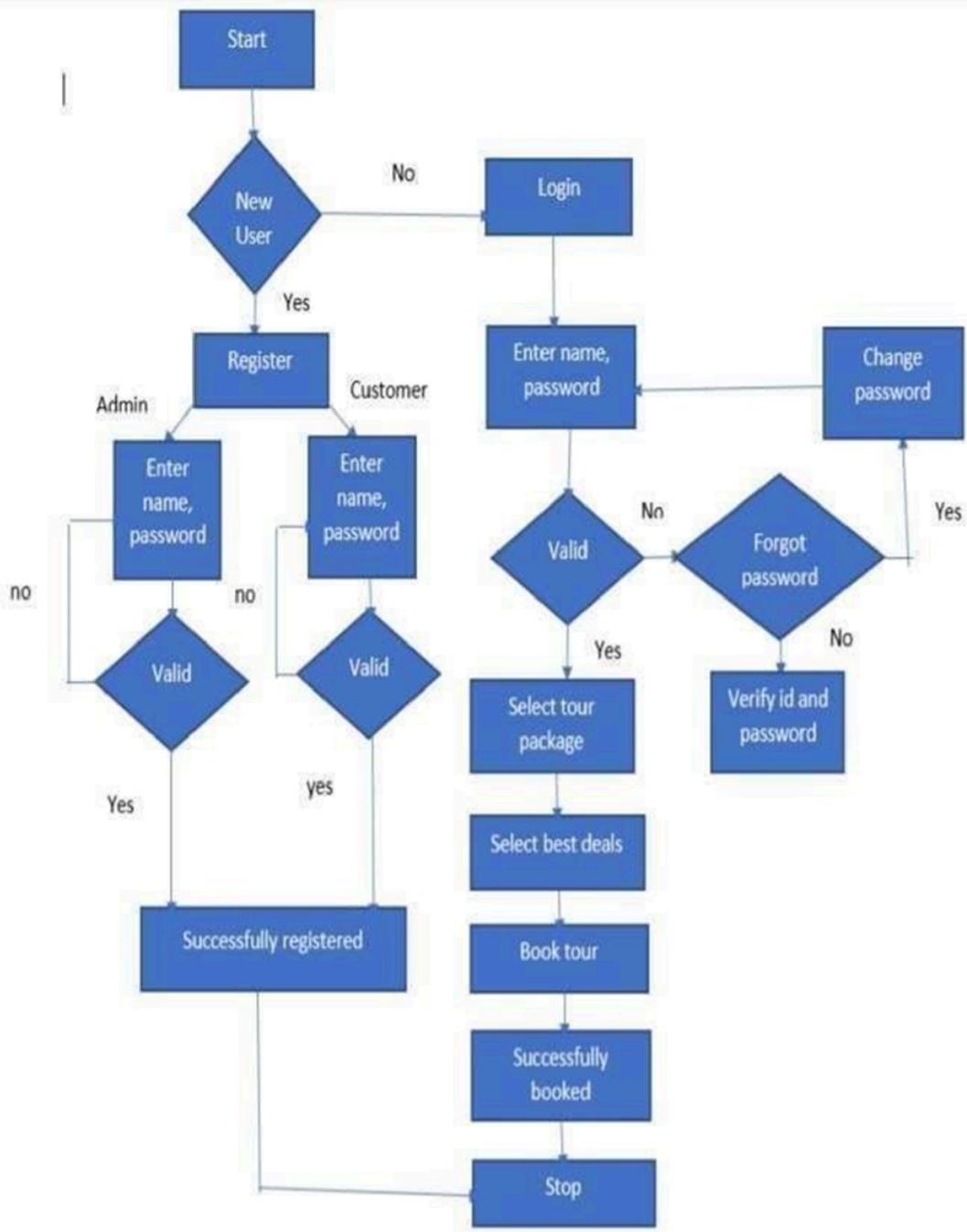


Fig 3.2- Flowchart for the flow of the website

### **3.3.Details of Hardware & Software :**

Hardware requirements:

Processor: Intel Pentium 4 or above.

Hard Disk Utilization: 20 GB or above.

Input Devices: Keyboard or Mouse.

RAM: 2GB or above.

Software Requirements:

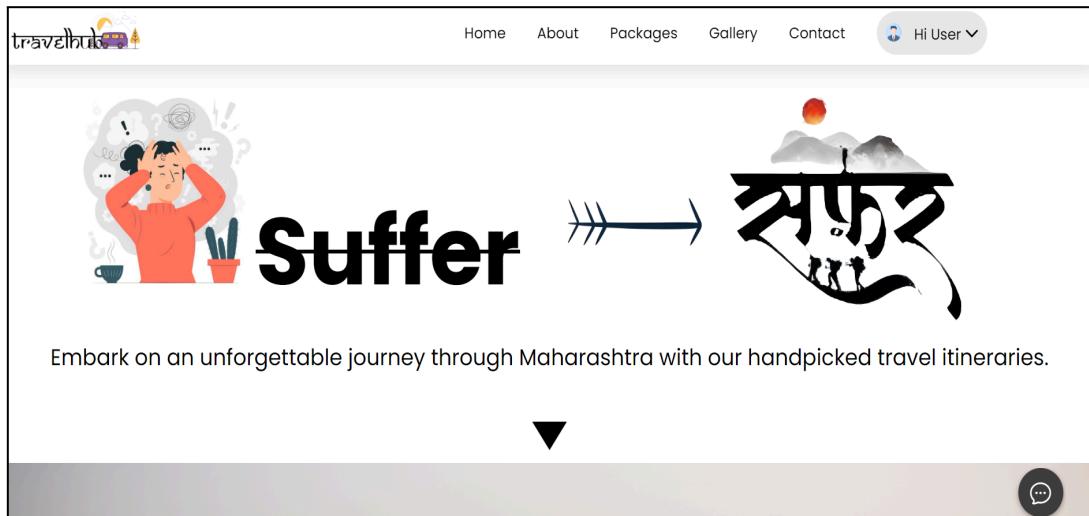
- Operating System : Windows XP, Vista, 7, 8, 8.1, 10, 11 ,Ubuntu ,Linux , MacOS, Web.

- Browser : Internet Explorer 6  
/chrome/Microsoft edge

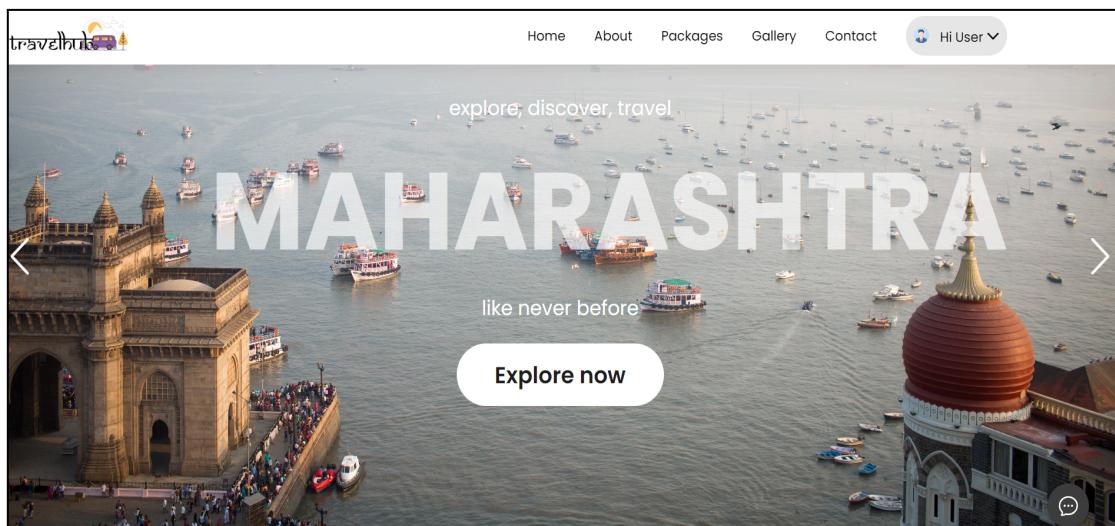
- Visual Studio Code IDE To implement :
- HTML,CSS,Javascript, PHP.
- Git( for version control)

### **3.4.Experiment and Results :**

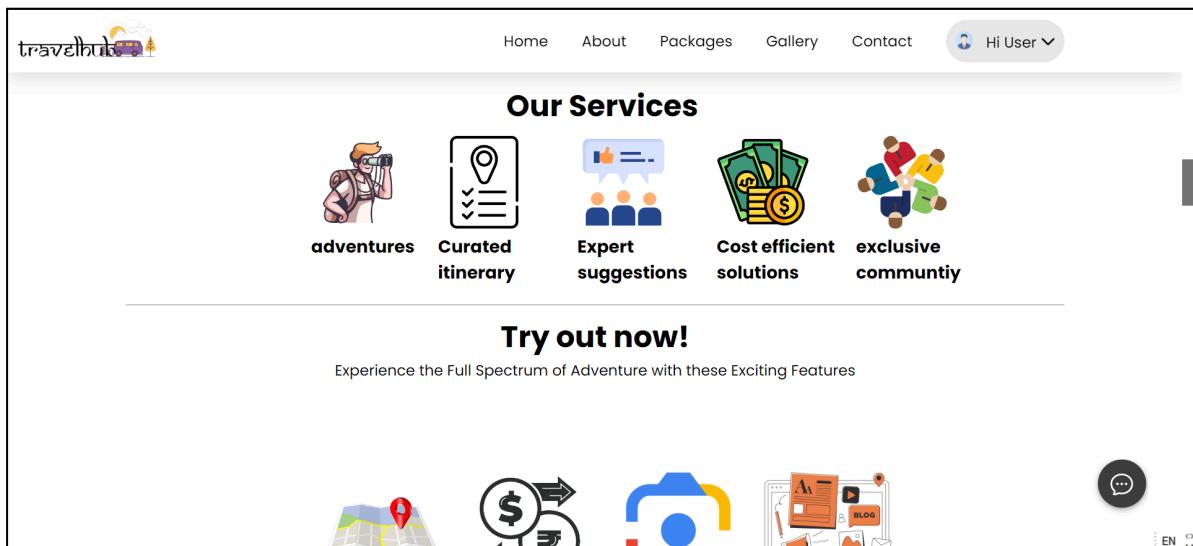
#### **1. Homepage:**



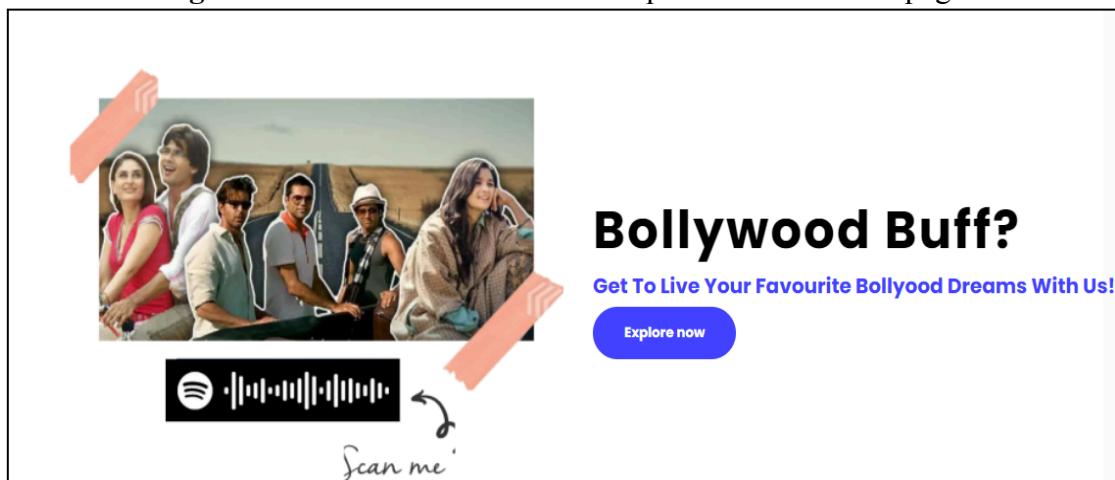
**Fig 3.4.1.1- Tagline of the website**



**Fig 3.4.1.2- Homepage**

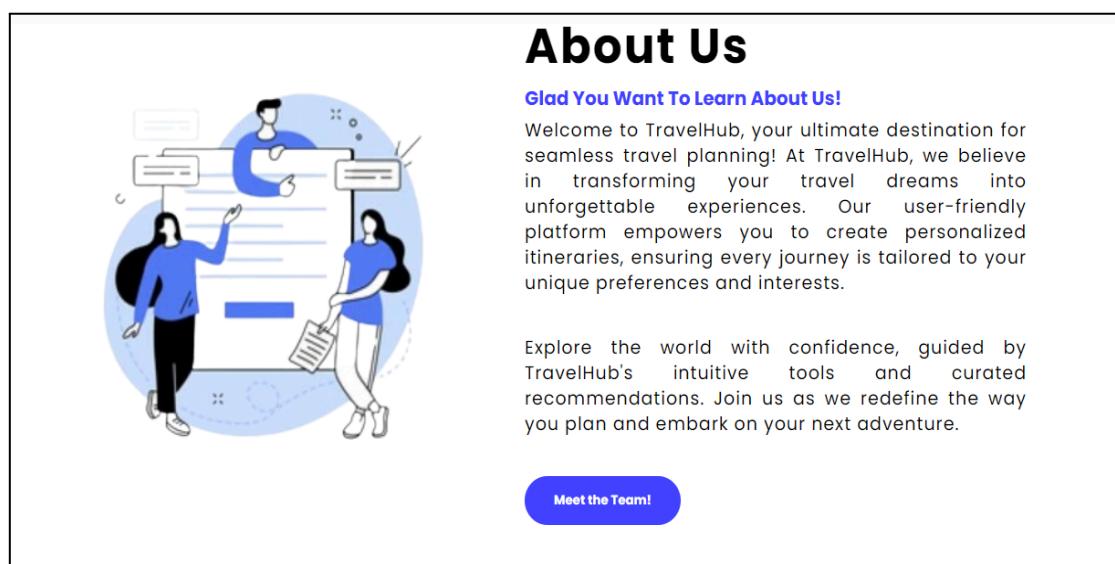


**Fig 3.4.1.3-** Services and the features present on the homepage



**Fig 3.4.1.4-** Link to the places where movies were shot

## 2. About Us :



**Fig 3.4.2-** About us page

### 3. Travel Packages :

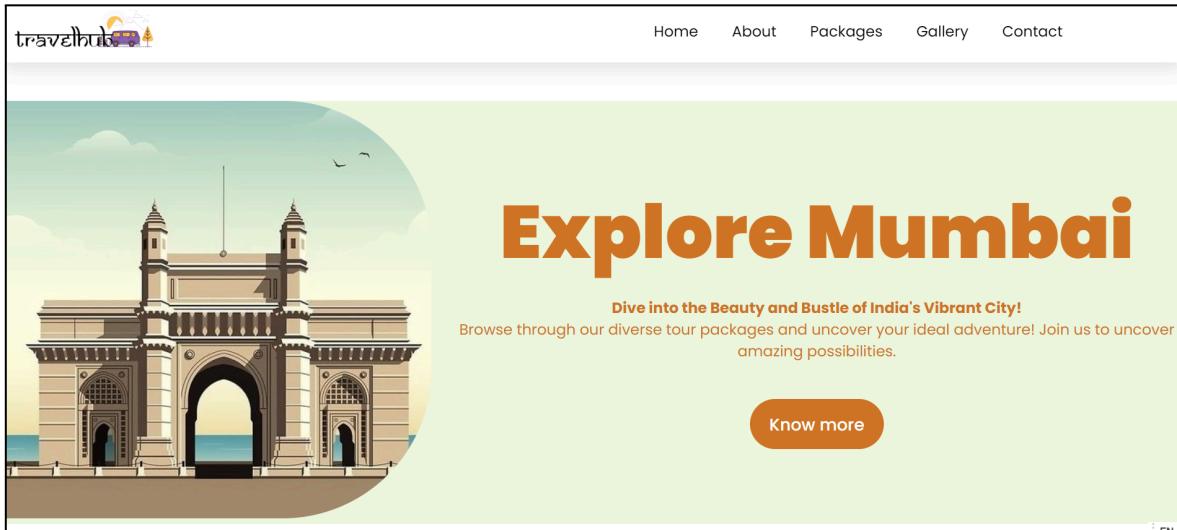


Fig 3.4.3.1- Packages main page where we focus in mumbai,pune, aurangabad and nagpur

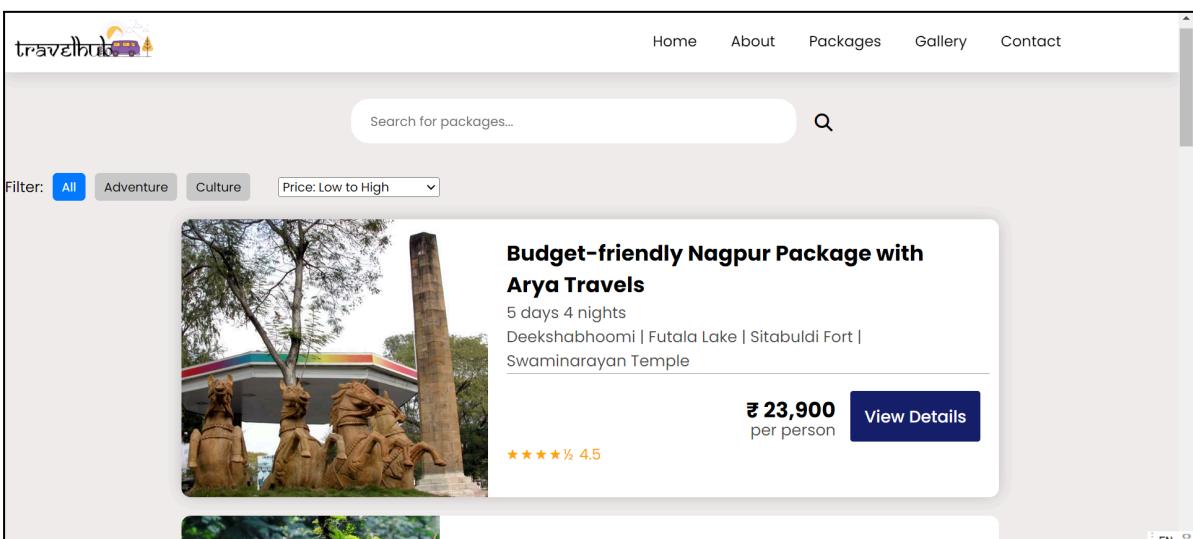
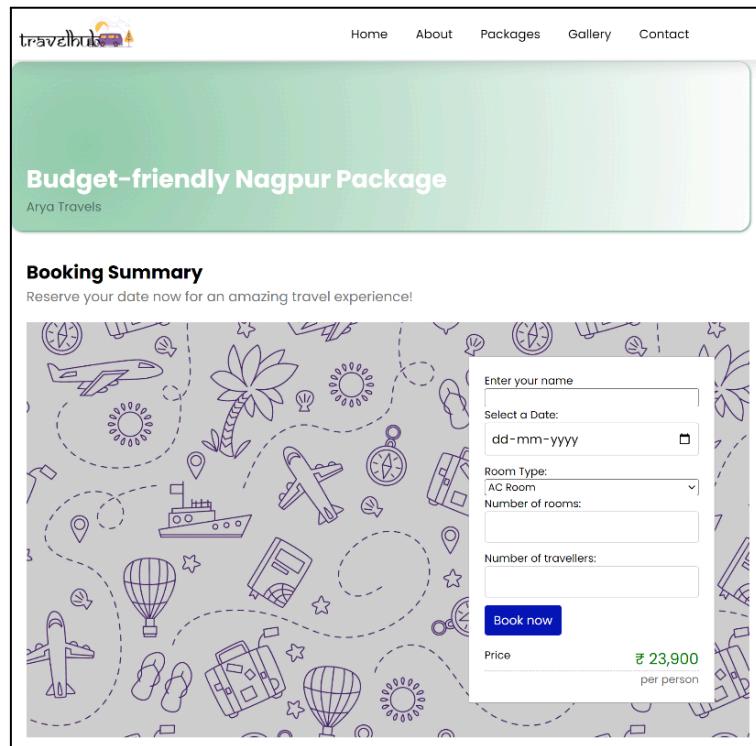


Fig 3.4.3.2- Packages page



**Fig 3.4.3.3-** Itinerary's page where the form is provided for filling the details

**Itinerary**

Curious about your plans? Click to reveal your itinerary details!

Day 1  
Explore Nagpur City

**Deekshabhoomi**  
A significant pilgrimage site, renowned for its Buddhist monument of great historical and religious importance

**Ambazari Lake and Garden**  
A peaceful lake for boating, paired with a beautiful garden.

**Raman Science Centre**  
Engaging science exhibits that are both educational and entertaining, providing an interactive experience.

**The Pride Hotel**

Day 2  
Historical Marvels

Day 3  
Wildlife Encounter

Day 4  
Spiritual Journey

Day 5  
Gardens and Relaxation

**Wondering About Your Stay?**

Get a Glimpse with Our Hotel Image Gallery

**Fig 3.4.3.4-** Itinerary provided for the package and the hotels the user will be staying in

#### 4. Gallery :

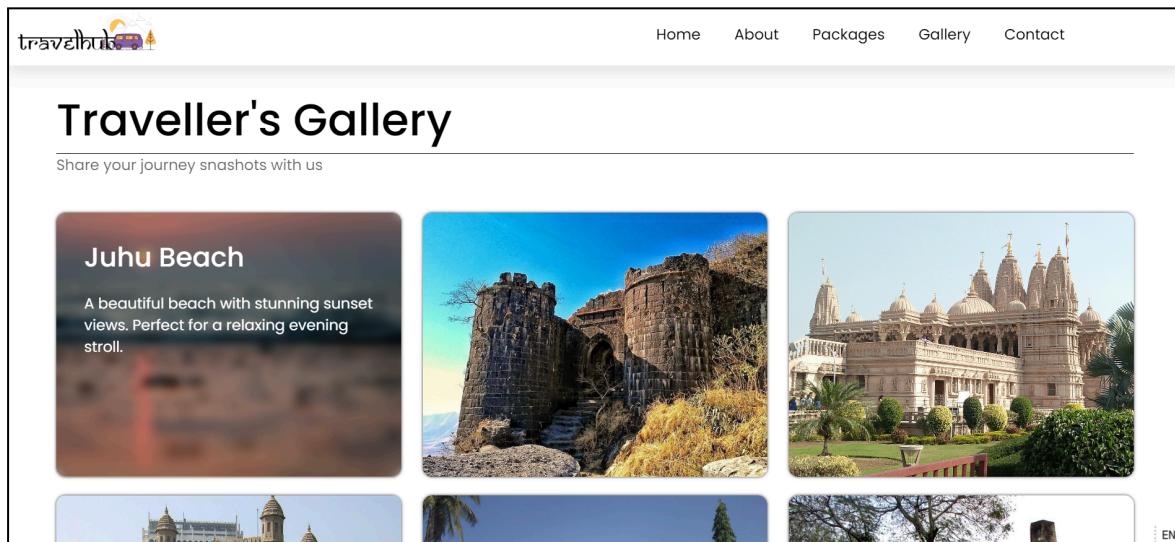


Fig 3.4.4- Gallery page

#### 5. Contact Us :

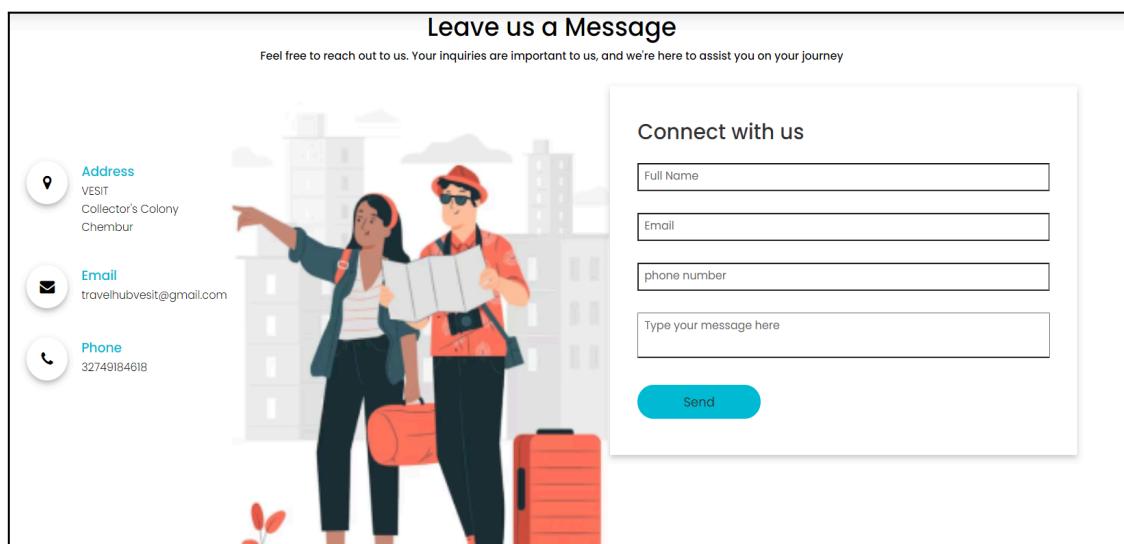


Fig 3.4.5- Contact us page

#### 6. FAQ page:

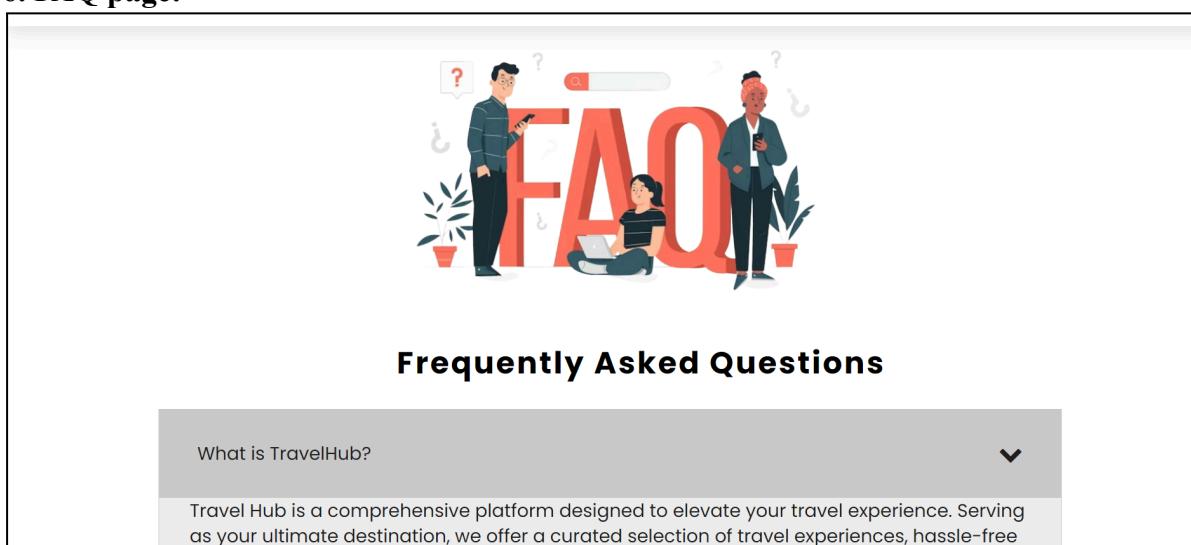


Fig 3.4.6- FAQ page

## 7. Dashboard:

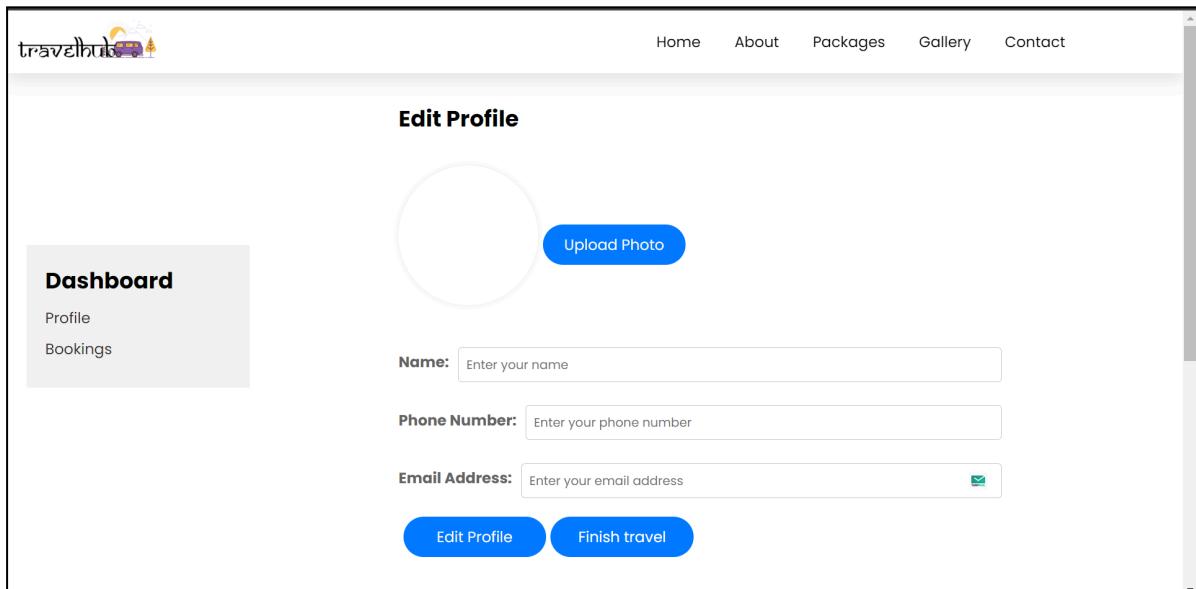


Fig 3.4.7- Dashboard

## 8. Additional Features

### a. Chatbot:

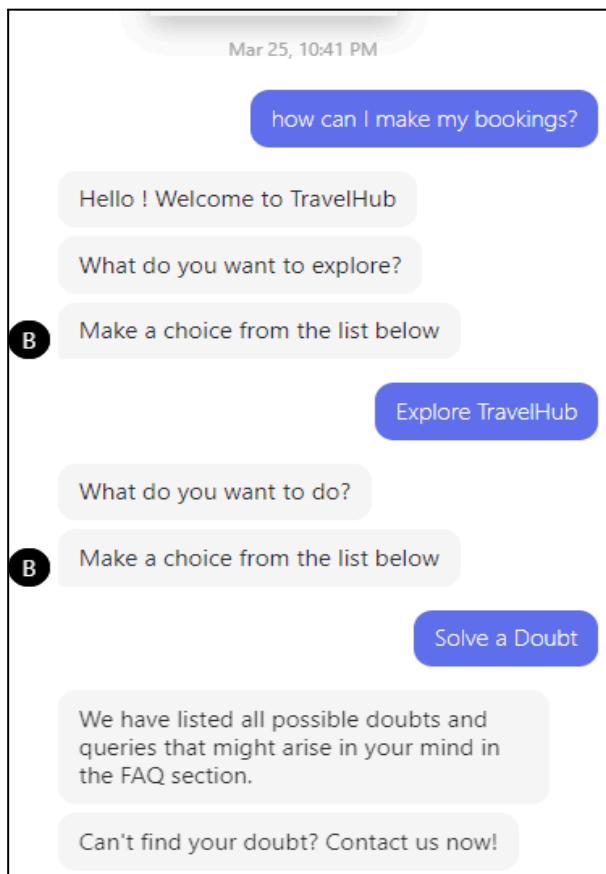


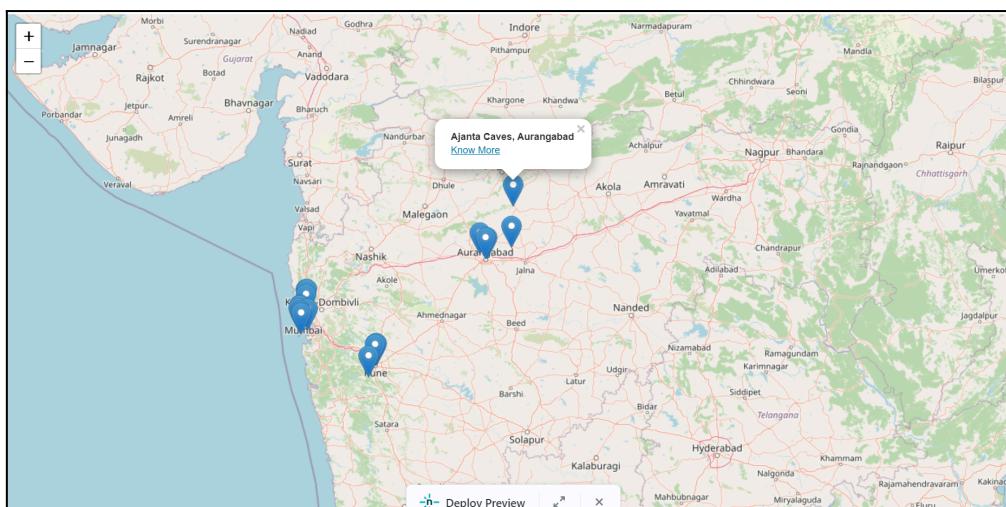
Fig 3.4.8.1- Chatbot

**b. Currency converter:**

The screenshot shows a currency conversion interface. On the left, there's a graphic of two circles, one containing a dollar sign (\$) and the other a rupee symbol (₹), with arrows indicating exchange. The main form has fields for 'Amount to Convert' (100), 'From' (INR), and 'To' (USD). Below the form, a green box displays the 'Converted Amount' as 1.20.

**Fig 3.4.8.2- Currency converter**

**c. Map:**



**Fig 3.4.8.3- Link to finding info for places that the user wants**

**3.5. Conclusion and Future work:**

- Tourism is currently recognized as a global industry which is growing at a high rate like any other industry. Access to relevant and accurate information is at the heart of tourism.
- It aims to provide travelers with easy access to relevant and accurate information, addressing the crucial need for efficient travel planning. Through the TravelHub application, users can connect with fellow travelers, share experiences, explore destinations, and discover quality accommodations and tour packages. By offering comprehensive travel solutions and ensuring safety and satisfaction,
- It also provides a few contacts and links as for people to solve their doubts, with features such as Chatbot and feedback form.
- Overall, TravelHub helps planning a trip, making travel efficient and enjoyable for everyone.
- We aim to make the website mobile-friendly and easy to explore on mobile phones, in future.

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