

## *A Mini Project Report on*

## Tours & Travels

## T.E. - I.T Engineering

Submitted By

**Jill shah** **201040004**

**Swapnil Sawant** **20104088**

**Sushant Waghmare**                      **20104086**

**Under The Guidance Of**

**Ms. Yaminee Patil**



DEPARTMENT OF INFORMATION TECHNOLOGY

A.P.SHAH INSTITUTE OF TECHNOLOGY

G.B. Road, Kasarvadavali, Thane (W), Mumbai-400615

UNIVERSITY OF MUMBAI

**Academic Year: 2022-23**

## CERTIFICATE

This to certify that the Mini Project report on **Tours & Travels** has been submitted by Jill Shah (20104004) , Swapnil Sawant (20104088) and Sushant Waghmare (20104113) who are a Bonafide students of A. P. Shah Institute of Technology, Thane, Mumbai, as a partial fulfillment of the requirement for the degree in **Information Technology**, during the academic year **2022-23** in the satisfactory manner as per the curriculum laid down by University of Mumbai.

Ms. Yaminee Patil

Guide

Prof. Kiran Deshpande

Head Department of Information Technology

Dr. Uttam D.Kolekar

Principal

External Examiner(s)

- 1.
- 2.

Place: A.P.Shah Institute of Technology, Thane

Date:

## **ACKNOWLEDGEMENT**

This project would not have come to fruition without the invaluable help of our guide **Ms. Yaminee Patil** . Expressing gratitude towards our HoD, **Prof. Kiran Deshpande**, and the Department of Information Technology for providing us with the opportunity as well as the support required to pursue this project. We would also like to thank our teacher **Ms. Yaminee Patil** who gave us her valuable suggestions and ideas when we were in need of them. We would also like to thank our peers for their helpful suggestions.

## TABLE OF CONTENTS

1. Introduction.....	1
1.1.Purpose.....	1
1.2.Problem Statement.....	2
1.3.Objectives.....	2
1.4.Scope.....	3
2. Literature Review.....	4
3. Proposed System.....	7
3.1. Features and Functionality.....	7
4. Requirements Analysis.....	9
5. Project Design.....	10
5.1.Use Case diagram.....	10
5.2.DFD (Data Flow Diagram) .....	11
5.3.System Architecture.....	12
6. Technical specification.....	13
7. Project Scheduling.....	15
8. Implementation.....	16
9. Result and Discussion.....	17
10. Conclusion and Future Scope.....	18

References

# **Chapter 1**

## **Introduction**

The main purpose of Tour and travels management system is to provide a best facility and travelling services for a customer to book hotels, flight and bus ticket for trip purpose. We have developed tour and travels management system to provide a search platform find their tour places according to their choices. This is instead of to provide the best traveling services to the customers and travel agents. We have expanded tours and travel administration strategy to provide an exploration platform where a tourist can find their trip spots according to their choices. This method further assists to promote reliable and fascinating tourism so that people can celebrate their vacations in their favourite places. This process also encourages to expanding tourism with different cultures, communities, so that they enhance the tourism experience, adventure, and build pride.

### **1.1 Purpose**

Tours & Travel Management System is an application will help in maintaining the operations performed related to sight-seeing and travelling. Most of the people in this world like to travel from one place to another no matter whether it is a small or large distance. Some people like to travel by train, flight, bus or by any other means of transport. The tours travel management system application is designed for the travel agency in which there is an option of doing the railway or air ticket reservation in order to reach the intended destination. The tours & travel management system application is one of the applications that will help the customers to book the air ticket or the railway tickets through this application of the travel agency. Booking of tickets will be done with a great ease and without any difficulty. This will be one of the interesting projects that one can work on and implement in real time world. The user interface must be simple and easy to understand.

## 1.2 Problem Statement

Earlier Customer used to walk into the Developers office asking for required property walks into the developers office asks Developer for required property. Developer searches for named properties/location/flats among cluster/group of books. After finding out it serves to the customer. If customer is interested in buying that flats, Developer sales the flat by completing all formalities, and makes entry into the Customer Details Register manually. All the permanent data of the order such as the name of the property/flat, Estate\_ID, as well as name of buyer/customer, Member ID and so on are maintained in a master file for future reference. The customer has the option of paying by cash or check or credit card. At the time customer pays the price he is issued a receipt acknowledging the same. BRICKZ is nothing but a website that is supported by a database. It consists of data-entry of forms, in which the customers can fill-up the data. After validation, the data can be added to the database the owner can search, view, and records.

## 1.3 Objectives

The project carried out under the title “TOUR & TRAVEL SYSTEM” is a sincere efforts towards increasing the speed and enhancing the Performance a managing an Private Work.

This has been tried to achieve thought making the whole system computerized along with the basic tasks of Private work and automation of all storage network.

Certain additional feature like making new user to use this software, better User interaction etc.

This Application is build in NETBEANS and database is in ORACLE .NETBEANS is used as Front end and ORACLE as a backend of this software.

You can manage all your information from a single database file.

Within the file, Divide your data in to separate storage containers called tables, view, add and update table data using online forms, find and retrieve just and data you want using queries and analyze or print data in a specific Layout using reports.

1. To provides various places to explore according to the travellers.
2. To promote responsible and interesting tourism ,So that the people can enjoy their holiday at their favourable places.
3. To provide reasonable packages and according to their needs also.

4. This system provides Online Registration, Tour Package Information, Train ticket booking.

## **1.4 Scope**

The Website is developed based on real life. It is very helpful in business applications. Today's extremely exhausting work environment dictates that individuals requires some joyful holiday. The website will provide a stress-free joyful refreshing holidays with cost competitive and customized packages according to their requirements. As it is web based it can provide services in almost each and every city of India. It offer tour and travel services including ticket bookings, hotel reservations, rental car services, holiday tour packages, domestic tour packages only in one click. It provides the most suitably designed as well as the customized travel packages to the customers. A traveler can find everything related to travelling services under one roof by this website. The site will help to estimate the benefits and calculate the requirement very easily. The benefits will be in terms of speedy query. Smooth and faster operations at all levels improve the working atmosphere of the entire organization. Maintaining the database as required. Database can be modified accordingly

There are many scopes available in this field like –

1. This type of software's can be further extended for generating reviews related to the tourist requirements.
2. Also, can be used for generating reviews for the Online Videos provided on the software.
3. Easy to find the nearby famous places, temples & monuments.
4. Developer can be providing the update information of the places and also provide updates to the software for better serves.
5. Provide offers for various places in budgets occasionally.
6. It Satisfy the user requirements.

## **Chapter 2**

### **Literature Review**

Concept based Literature Study of Tourism Industry -Analysis of factors which affect the most in satisfaction level of tourist during the overseas travel.

Growth of the country depends upon the GDP of the country and the GDP depends upon the Sectorial and performance of the industry in the country. So for achieving and stabilizing the growth of country it is necessity to sustain the business and improve the condition of the particular industry. As the industry is concern Tourism Industry is playing a vital roal in the growth of the country and the growth rate GDP. Now a days, People need more leisure and relaxation time to get refreshment from their daily routine life, It is Country is trying to lift up the share of overseas travel arrivals to 1% of total worldwide tourists over the next coming years, from 0.64%. In 2014, overseas exchange earnings from tourist arrivals totalled \$19.657 billion, compared with \$18.445 billion in 2013. It is possible for the country to achieve 1% of worldwide tourists by 2017, it will need to take fast decision and implement to achieve the required target.

Literature and research related to Tourism Industry cycles, appreciation, trends, etc around the globe is not readily available and more importantly there is a serious lack of research about Tourism Industry trends, etc specifically in India. The Tourism Industry is recurring in nature but the cycles are neither regular nor predictable. Moreover, the amplitude and frequency of the cycles differ from place to place and time to time (Brown and Liu, 2001).

What furthers hampers research into this field is the fact that Tourism Industry cycles are difficult to characterize because of varying severity across different Tourism Industry sectors. There is also a general perception or belief that Tourism Industry markets are inefficient and imperfect relative to the other

In tour, accommodation plays efficient role by providing the amenities that make travel convenient and relaxed. Accommodation as one of the more



## **Chapter 3**

### **Proposed System**

The proposed system is a web based application and maintains a centralized repository of all related information. The system allows one to easily access the relevant information and make necessary travel arrangements. Users can decide about places they want to visit and make bookings online for travel and accommodation.

#### **3.1 Features and Functionality**

The visitor module include,

View About Us: This module help the visitor to see the latest About Our

Website. Services: Insurance and Feedback. customer give the feedback About our services.

Hotels View: Customer View About Our Hotels. Destination View: View About Our Destination. Searching: Customer Search Hotel , Flight , Tour Package, Hotel Flight  
Language Translator: Customer change the Language According To Our Understanding

The registered user module includes,

Book Hotel. Book Flight. Book Tour. Book Car And Bus. Book Flight , Hotel. View  
About Us: This module help the visitor to see the latest About Our

Website Services: Insurance and Feedback .customer give the feedback About our services.

Hotels View: Customer View About Our Hotels. Destination View: View About Our Destination. Searching: Customer Search Hotel , Flight, Tour Package , Hotel , Flight  
Language Translator : Customer change the Language According To Our 8

Understanding Customer Check Our Status. Currency Conversion.

## **Chapter 4**

### **Requirement Analysis**

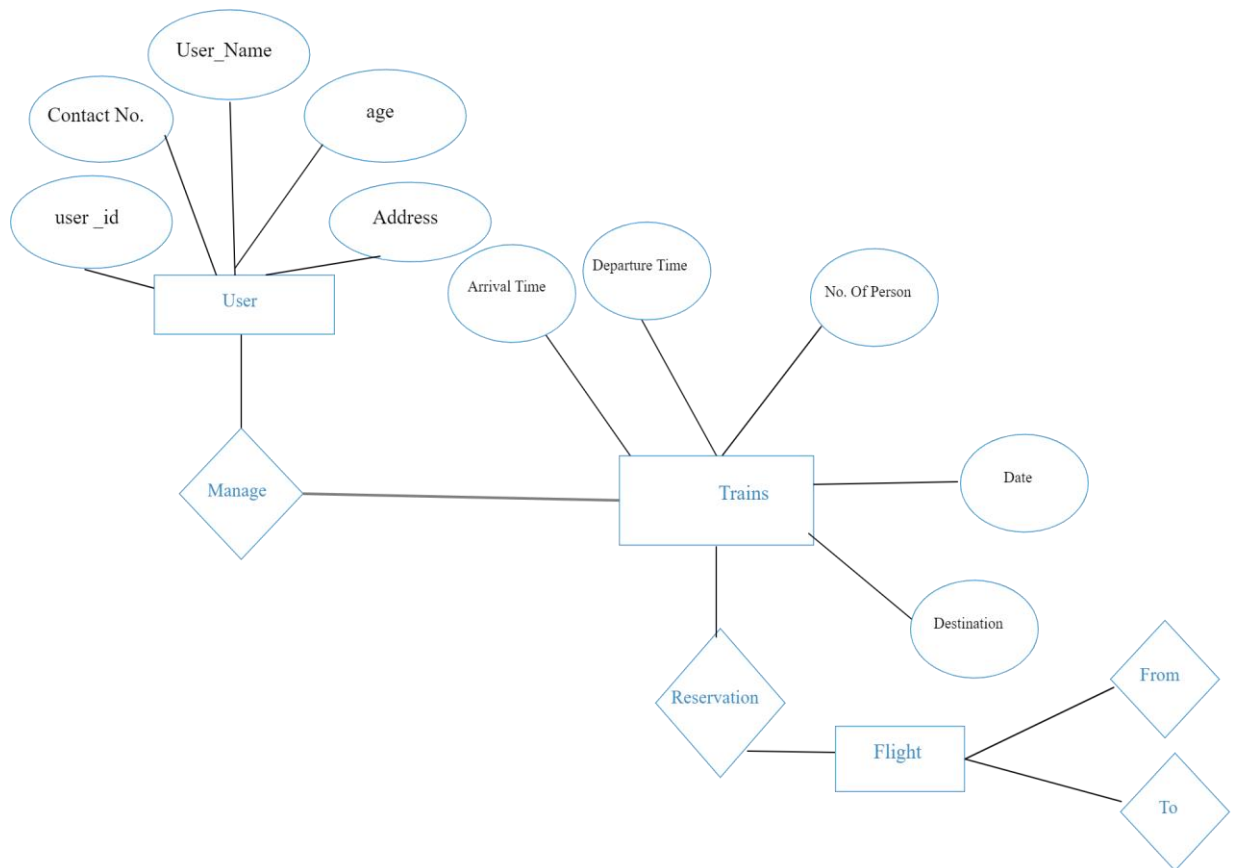
Users:

- Add new reimbursements:
- Users will be able to add new reimbursements according to their needs and which will be further approved by the admin.
- Reimbursement status:
- Users will be able to see their reimbursement status.
- previous reimbursement status

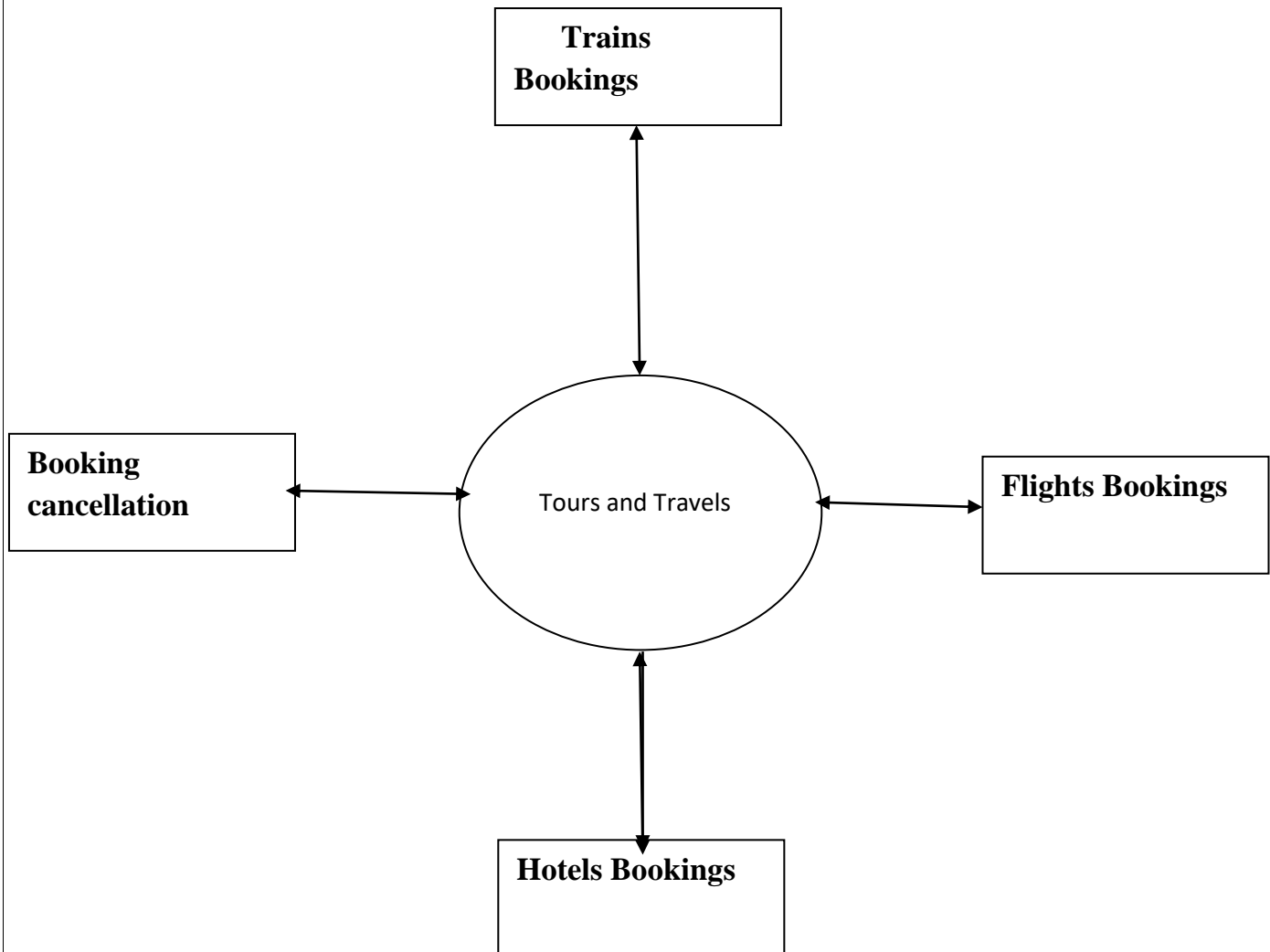
# Chapter 5

## Project Design

### 5.1 Use Case Diagram



## 5.2 Data Flow Diagram(DFD)



## **5.3 System Architecture**

Operating System: Windows 10

Application: php , html , etc..

Database: SQL SERVER

Software: Internet Explorer/Google Chrome

Hardware Requirements:

- Processor: Preferably 1.0 GHz or Greater
- . • RAM : 1GB or Greater.

# Chapter 6

## Technical Specifications

**Html (Forntend):-** The **HyperText Markup Language** or **HTML** is the standard markup language for documents designed to be displayed in a web browser. It can be assisted by technologies such as Cascading Style Sheets (CSS) and scripting languages such as JavaScript.

Web browsers receive HTML documents from a web server or from local storage and render the documents into multimedia web pages. HTML describes the structure of a web page semantically and originally included cues for the appearance of the document. HTML elements are the building blocks of HTML pages.

**Php (Frontend):-** Stands for "PHP: Hypertext Preprocessor," a recursive acronym. PHP is a scripting language web developers use to create dynamic websites. It is often installed by default on Apache web servers, alongside MySQL as part of a "LAMP" configuration. When a website visitor accesses a PHP page, the web server processes, or "parses," the PHP code, which can output HTML to the webpage. In the example below, the PHP function gets the local time and date from the server and inserts it into the HTML.

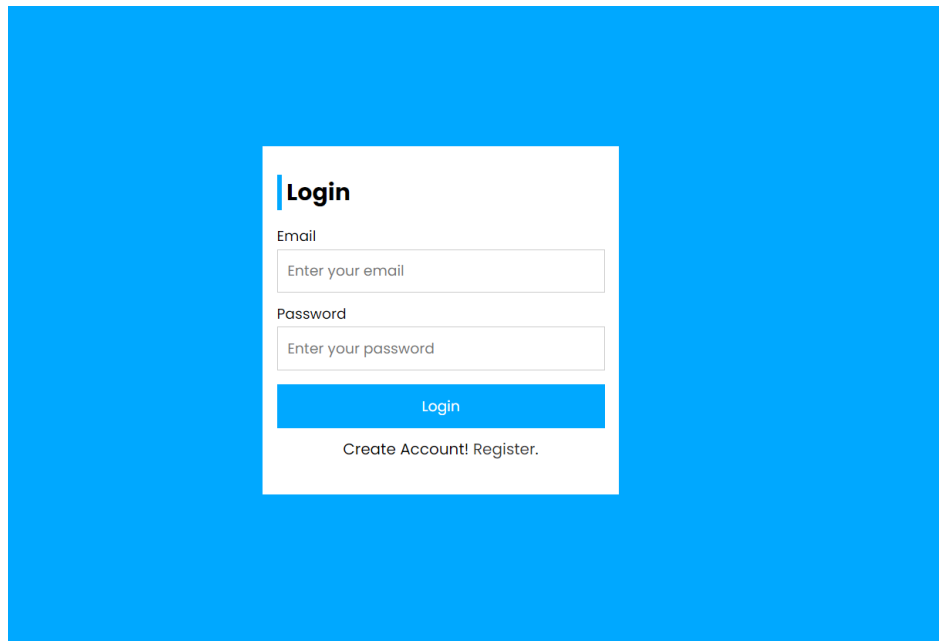
**Material-Ui (CSS Framework):** Material UI is an open-source, front-end framework for React components. Material UI is based on Google's Material Design to provide a high-quality, digital experience while developing front-end graphics. Material Design focuses on providing bold and crisp designs, it builds textures by focusing on how the components cast shadows and reflect light.

**JavaScript :-** JavaScript is a light-weight object-oriented programming language which is used by several websites for scripting the webpages. It is an interpreted, full-fledged programming language that enables dynamic interactivity on websites when applied to an HTML document. It was introduced in the year 1995 for adding programs to the webpages in the Netscape Navigator browser. Since then, it has been adopted by all other graphical web browsers. With JavaScript, users can build modern web applications to interact directly without reloading the page every time.

## Chapter 7: Project Scheduling

Group Member	Time duration	Work to be done
<b><u>1. Jill Shah</u></b>	1st Week of July	Planning of Project workflow
	2nd week of August to October	Started Setting up the Backend and Provide functionality to different URL pages and integrated API
<b><u>2.Swapnil Sawant</u></b>	3rd week of August to October	Started making different URLs for different pages and Report documentation work.
<b><u>3.Shushant Waghmare</u></b>	3rd week of August to October	Started making different URL for different pages and Project Presentation

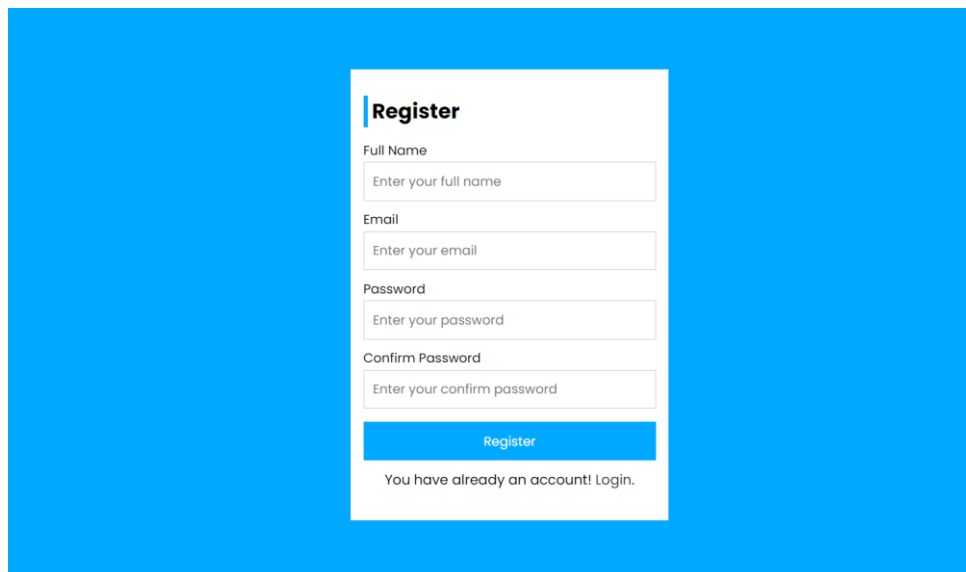
## Chapter 8: Implementation



The image shows a login form centered on a solid blue background. The form is a white rectangle with a blue vertical bar on its left side. It contains the following elements:

- Login**: A heading in bold black text.
- Email**: A label in small black text above a text input field with the placeholder "Enter your email".
- Password**: A label in small black text above a text input field with the placeholder "Enter your password".
- Login**: A blue button with white text.
- Create Account! Register.**: A link in small black text.

### 1.1 Login Page



The image shows a registration form centered on a solid blue background. The form is a white rectangle with a blue vertical bar on its left side. It contains the following elements:

- Register**: A heading in bold black text.
- Full Name**: A label in small black text above a text input field with the placeholder "Enter your full name".
- Email**: A label in small black text above a text input field with the placeholder "Enter your email".
- Password**: A label in small black text above a text input field with the placeholder "Enter your password".
- Confirm Password**: A label in small black text above a text input field with the placeholder "Enter your confirm password".
- Register**: A blue button with white text.
- You have already an account! Login.**: A link in small black text.

### 1.2 Registration Page



[←](#)
[→](#)
[↻](#)
[localhost/Travel/index.php](#)

[Gmail](#)
[Maps](#)
[https://www.hacker...](#)
[Loco](#)
[https://learningsport...](#)
[2021](#)
[EM-IV\\_IT\\_2021-22...](#)
[Edube Interactive ...](#)
[project](#)

Travel Agents

Currency INR

Your Trips

✈ Flights

🏠 Hotels

🚆 Trains

🚴 Activities

✈ Flight Deals

Search Flights

Fly anywhere. Fly everywhere.

Flash Sale: Grab the lowest airfares starting at Rs.999. Hurry, book now.

One Way

Round Trip

Multi-city

From \*

Any Worldwide City or Airport

To \*

Any Worldwide City or Airport

Depart on\*

11/01/2022

Adult\*

12+yr

Children\*

0+11yr

Infants\*

Select

More options: Class of travel, Airline preference

Search Flights

Hot Deals

Grab 10% cashback:

Book Cleartrip Activities, Flights & Hotels with Airtel Payments Bank! Avail maximum cashback upto Rs.250/-

localhost/Travel/index.php#train

© 2020 Copyright : Travel Agents Powered By Travjury

connect [f](#) [t](#) [in](#) [p](#)

### 1.3 Flight Booking

Travel Agents

Currency INR

Your Trips

✈ Flights

🏠 Hotels

🚆 Trains

🚴 Activities

✈ Flight Deals

Search for Hotels

Over 600,000 hotels around the world

Flash Sale: Grab the lowest airfares starting at Rs.999. Hurry, book now.

Where\*

Enter Locality, Landmark, City or Hotel

Check In\*

10/24/1984

Check Out\*

10/24/1984

Travellers

Select

Search Hotels

Hot Deals

Grab 10% cashback:

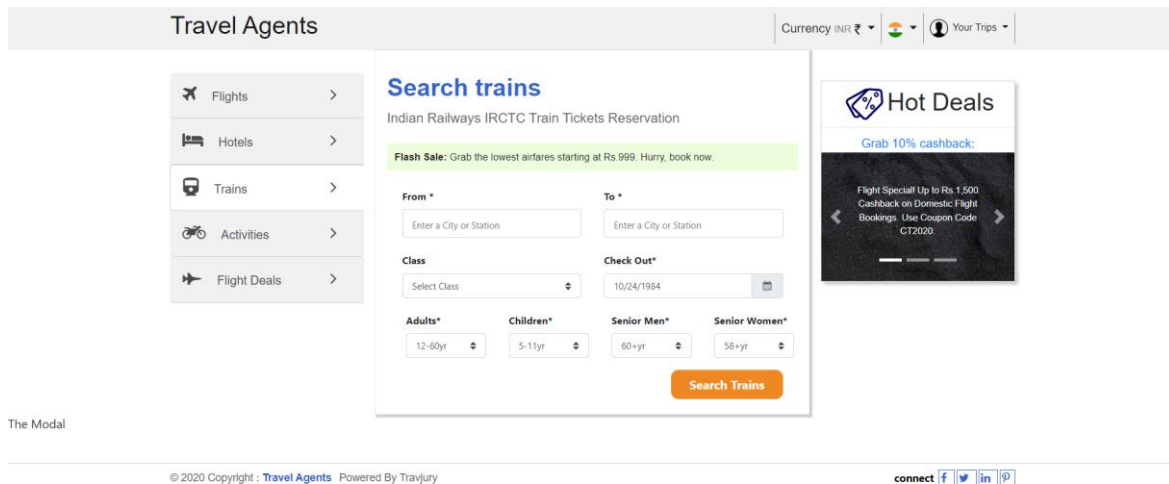
Flight Special! Up to Rs. 1,500 Cashback on Domestic Flight Bookings. Use Coupon Code CT2020.

localhost/Travel/index.php#train

© 2020 Copyright : Travel Agents Powered By Travjury

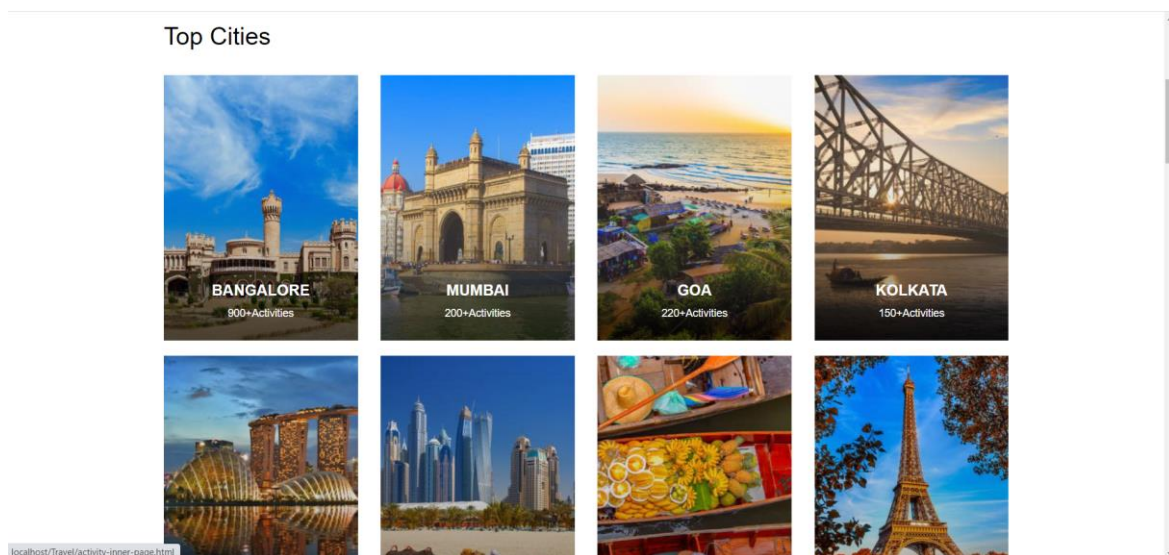
connect [f](#) [t](#) [in](#) [p](#)

### 1.4 Hotels Bookings



The Modal

## 1.5 Trains Bookings



## 1.6 Top cities

Modify Search

ListCalendar

All FlightsNon Stop

25 of 65 Flights

\$ Price

Value: 90

Stops

☐ 0 Stop  
☐ 1 Stop  
☐ 2 Stop  
☐ Above 2 Stop

Departure Time

☐ Early Morning 12am - 8am  
☐ Morning 8am - 12pm  
☐ Mid Day 12pm - 4pm  
☐ Evening 4pm - 8pm

Search Flights: Search for flights,

You Shortlist(0)

Airlines	Depart	Duration	Price
<div>Get upto Rs.1500 Instant cashback.Use coupon : CT2020 Know More</div> <div>IndiGo</div>	02:15 Del → PNQ	02:35 2h 30m Non-Stop	₹ 4,094
<div>Get upto Rs.1500 Instant cashback.Use coupon : CT2020 Know More</div> <div>SpiceJet</div>	00:30 Del → PNQ	02:35 2h 15m Non-Stop	₹ 4,940
<div>Get upto Rs.1500 Instant cashback.Use coupon : CT2020 Know More</div> <div>Air India</div>	04:55 Del → PNQ	07:00 2h 5m Non-Stop	₹ 5,025

## 1.7 Flights Availability

Travel Agents

Book in four simple steps

1 Itinerary

Review Your Flight Details

Bangalore → Patna

Friday 14 Feb 2020

IndiGo

6E-902

Economy

BLR 15:05

Fri, 14 Feb 2020

Kempegowda International Airport, Bangalore Terminal 1

2h 30m

17:35 PAT

Fri, 14 Feb 2020 Lok Nayak Jayaprakash, Patna

Baggage Information

Check-in: 15 KG / person

Cabin: 7 KG / person

Choose Fare

Standard Fare

Rs 4,909

Date Change Fees

Airline fee Upto Rs3,000

Cleartrip fee Upto Rs200

Flexify

Rs 5,208

Date Change Fees

Airline fee Upto Rs3,000

Cleartrip fee Upto Rs200

Introducing Flexify

Now

Change your flight for free, pay only the fare difference

Check-in baggage

Buy check-in baggage at a discount.

+Add Baggage

In Flight Meals

Buy in-flight meals now at discounted rates.

+Add Meals

Your Seat Preference

Travel in comfort, book the most comfortable seat.

Select Seat

## 1.8 Flights Arrival & Departure

## 3 Payment

How Would You Like to Pay?

Credit Card

Debit Card

Net Banking

Wallets

UPI

A non-refundable Convenience fee of Rs.290 per passenger is applicable on this booking.

Enter your credit card details

Credit Card Number

0000 0000 0000 0000

Expiry Date

MM/YYYY

Card Holder Name

Name As on Card

CVV Number

CVV

The 3 digit number printed on the back of the card

☐ I understand and agree to the rules and restrictions of this fare, the Booking Policy, the Privacy Policy and the Terms & Conditions of Cleartrip

Rs. 3,195

(Total inclusive all taxes)

Submit

1.9

Payment Page

Modify Search

Hotel Sunshine - Bangalore(10 Nights)

Tue, 11 Feb - Fri, 21 Feb | 1 room, 2 adults

4 of 4 Hotels

Filter by Hotel Name

Price

- ☐ Below Rs 2,000(0)
- ☐ Rs 2,000 - Rs 4,000(0)
- ☐ Rs 4,000 - Rs 6,000(0)
- ☐ Above Rs 4,000(1)

Star Rating

- ☐ 5 Star(1) ★★★★★
- ☐ 4 Star(2) ★★★★
- ☐ 3 Star(3) ★★★
- ☐ 2 Star(0) ★★
- ☐ ★

Search Address: Search for Location, Hotel Address in Bangalore, Karnataka

You Shortlist(0) →



Club Med Kani Hotel

★★★★☆

₹ 30,000 - ₹ 40,000

North Male Atoll 15 km from City Center

Expert Rating 9.5

✓ Free Cancellation Eligible

View Details

Sun Island Resort  
Nalaguraidhoo

★★★★☆

₹ 10,000 - ₹ 20,000

Alif Dhaafu Atoll, Maldives

Expert Rating 9.3

✓ Free Cancellation Eligible


View Details

Centara Res Fushi Resort &amp;

Expert Rating 9.0

1.10 Hotels Options

[All hotels in Bangalore](#)  
**The Chancery Pavilion**  
 Residency Road, Bangalore  
 ★★★★★ 5 Star 1918 reviews ₹ 6,40,640 [Shortlist](#)  
[Room & Rates](#) [Amenities & Review](#) [Photos](#) [Map](#) Booked 13 hours ago




**Highlights of the property**

- Try the Vineyard Sunday Brunch by the pool-side with live counters
- Entire floor dedicate to women travellers with unique amenities

**Tagged as**

- Good nightlife nearby
- 24-hour room service
- 24-hour fitness centre
- Express check-in | check-out
- Business centre
- Popular attractions nearby
- Couple friendly
- Early check-in | late check-out
- Concierge



## 1.11 Hotels With Location specification

[Modify Search](#)
Previous Day Next Day

4 of 4 Trains

Departure Time in Hours  
Value: 12

Arrival Time in Hours  
Value: 14

Search Trains:  Search for Trains, [You Shortlist\(0\)](#)

Train Name	Departs	Arrives	Duration	Fare	
<b>Mahananda Express (15483)</b> Patna Junction - Delhi	01:20	22:04	21h 20m 27 Stops	<b>Rs. 1,898</b> AC 2 tier	<a href="#">Book</a>
<b>North East Exp (12505)</b> Patliputra - Anand Vihar Trm	03:10	19:20	16h 10m 27 Stops	<b>Rs. 1,925</b> AC 2 tier	<a href="#">Book</a>
<b>Farakka Express (113483)</b> Patna Junction - Delhi	04:55	04:50	23h 55m 43 stops	<b>Rs. 1,965</b> AC 2 tier	<a href="#">Book</a>
<b>Seemanchal Exp (12487)</b> Patliputra - Anand Vihar Trm	06:25	21:00	16h 35m 27 Stops	<b>Rs. 1,925</b> AC 2 tier	<a href="#">Book</a>
<b>Rdp Anvt Link Ex (22487)</b>	06:25	21:00	16h 35m	<b>Rs. 1,320</b>	

## 1.12 Trains option available

## **Chapter 10: Conclusion and Future Scope**

"Travel and tourism" simplifies the management process in travelling. It provides fast processing and immediate results with high security. It Minimizes human effort and cost efficient databases.

Navigation through the site is easy. Any tourist agency can make use of it for saving customer details in database. Tourism group can use it for managing their location, hotel, vehicles details. This application can easily be implemented under various situations.

We can add new features as and when we require. Reusability of this application is also possible.

## **Chapter 11: Reference:-**

1. <https://idoc.pub/documents/tour-and-travel-final-project-reportdocx-ylyx3zpq8enm>
2. <https://www.tutorialspoint.com/java/>
3. <http://www.javatpoint.com/java-tutorial>
4. <https://docs.oracle.com/javase/tutorial/>
5. <http://www.wampserver.com/en/>
6. <http://www.tutorialspoint.com/mysql/>