

# **7 Heaven Travel Agency**

**A PROJECT REPORT**

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*In*

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**VIT BHOPAL UNIVERSITY**

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**BONAFIDE CERTIFICATE**

Certified that this project report titled “**7 HEAVEN TRAVEL AGENCY**” is the bonafide work of “**Chirag Singh(20BCE10692), Gaurav Katiyar(20BCE10337), Aman Raza(20BCE10348), Akshat Prajapati(20BCE10539), Nandini Singh(20BCE10960)**” who carried out the project work under my supervision.

Certified further that to the best of my knowledge the work reported at this time does not form part of any other project/research work based on which a degree or award was conferred on an earlier occasion on this or any other candidate.

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Last, but not the least, I am deeply indebted to my parents who have been the greatest support while I worked day and night for the project to make it a success.

## LIST OF ABBREVIATIONS

Abbreviations	Full Form
1. 7HTA	<b>7 Heaven Travel Agency</b>
2. Js	<b>JavaScript</b>
3.Html	<b>Hyper Text Mark-up Language</b>
4. VSCode	<b>Visual Studio Code</b>

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## **ABSTRACT**

The most important part of the online travel agency project is its database. The database is full of Flights, Hotels, Vacations timings and availability. Online travel agency is a web-based project where a user may search and apply for a travel service or package. The system allows the user to check various travel destinations and choose his destination accordingly. The software system checks for user choice and then queries the database for various available mediums to travel to that destination. The system then loads all that data and puts those choices in front of the user. The user can now choose various ways to reach his destination. When the user chooses the Flights option, the system also allows the user to book tickets to the destination for the desire day and timings. Thus this software system automates the working of a travel agency and allows users to check and book his holidays online through this website.

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# **PROJECT DESCRIPTION AND OUTLINE**

## **1.1 Introduction**

The Tours and Travel Management System is a web-based application. The main purpose of “7 Heaven Travel Agency” is to provide a convenient way for a customer to book hotels, flights, Vacations for tour purposes. The objective of this project is to develop a system that automates the processes and activities of a travel agency. In this project, we will make an easier task of searching places and for booking flights. In the present system a customer has to approach various agencies to find details of places and to book tickets. This often requires a lot of time and effort. We provide approach skills to critically examine how a tourist visits and its ability to operate in an appropriate way when dealing with the consequences of tourism, locally, regionally, and nationally including visitor security and ecological influences. It is tedious for a customer to plan a particular journey and have it executed properly. The project ‘7 Heaven Travel Agency’ is developed to replace the currently existing system, which helps in keeping records of the customer details of destination as well as payment received.

## **1.2 Motivation for the Work**

Now-a-days people are travelling from one place to another for work like exploring something, going for vacations with friends & family. We have seen many booking issues in rural areas people going to urban areas for booking their choices and the owner demand as much cost they want, so we had made a user-friendly website which can be use anywhere and with low-cost booking and different offers too.

We have also included a booking engine on our own software which offers: -

- ✓ Interactive search
- ✓ Filtering
- ✓ Easy Editing
- ✓ Reservation Calendar

### **1.3 About Introduction to the project including techniques**

. The objective of this project is to develop a system that automates the processes and activities of a travel agency. In this project, we will make an easier task of searching places and for booking flights. In the present system a customer has to approach various agencies to find details of places and to book tickets. We Use VSCODE as a coding Platform and also chrome is live server to test our website.

### **1.4 Problem Statement**

- Our priority will be our customers and their travel requirements.
- There will be many users visiting the portal and hence we require a strong and reliable frontend which can withhold the users on our site.
- The data we will be consisting of is very important that can help everyone and hence we need a strong database.
- We need to build a world class team armed with knowledge and backed by technology to advise customers in planning of their holidays and to answer their queries.

## **1.5 Objective of the work**

- Our objective is to offer a variety of travel services that are sure to match all your priorities.
- Our objective is to globalism, organize, standardize and goal of journey towards perfectionism.
- Our objective is to make strong relationship with customers so that they can enjoy the holiday of their dreams.
- Our objective is just an initiative, it will be made to further and developed work of art.
- To offer the traveling services at very reasonable prices.

## **2. RELATED WORK INVESTIGATION**

### **2.1 Introduction**

In our website if you are going to book hotel rooms, flight, or vacation you can book any time at home or office with the help of your smart phone or tablet. It's very easy for travelers to update or cancel online booking, many sites providing bookings with no cancellation fees, But we provide fee cancellation. With the help of our sites, you can check prices, some unbeatable offers. Use your network important to go through reviews or get in touch with friends over there, before reservation or making your travel plans. You need to focus on certain factors while choosing your Dream Vacation and ensure that you select flights and dates well in advance to get some good deals. All you need to do is reserve an airline ticket, one night stay in hotel, is the best and easy way to do it. You will get speed and flexibility if you are individual traveler, family, or small group.

### **2.2 Core area of the project**

#### **1) Travel Management**

This would be the core function and the one which agency engaged in organising business travel have always performed. This area of services would include the management and reservation of transport tickets, searches for accommodations, car rentals, etc.

Although it is the function that has been performed for the longest period of time, new technologies have significantly changed the way these tasks are carried out, with aspects coming into play such as price comparisons or strategies for obtaining deals and discounts.

## **2) Passenger assistance**

On a trip there may be many unforeseen problems and issues which need to be resolved: repatriation due to illness, accident or emergency, lost luggage or documents, etc.

## **3) Consulting**

Consulting services include a large number of aspects which are related, more or less directly, with travel: information of interest for the traveller (customs of the country of destination, recommendations on behaviour, etc.), cost optimisation and control, advice on travel policies, etc.

## **4) Marketing and internal communication**

Due to its experience, a travel management agency can be very helpful in preparing travel policies for companies (rules regarding expenses, management of per diems, etc.), as well as its proper and effective communication to the employees.

## **5) Technology**

The proper and constantly updated use of technology is vital, not only for the requesting and comparison of travel services (tickets, accommodation, etc.) but also for such diverse aspects as billing management or locating travellers in extreme situations.

## **6) Leisure Services**

In some cases, some travel management companies offer direct discounts or improved conditions on travel and leisure activities for the employees and their relatives at the companies for which they work.

With the comprehensive management of corporate travel, travel management companies achieve the goal of giving added value to their service, which is essential in order to meet the current expectations and needs of companies.

## 2.3 Methods

- We use VSCODE as a coding Platform For making our website user friendly.
- We use HTML, CSS, JS for doing coding.
- We also use Chrome for live server Test.

## 2.4 Pros and cons of the stated methods

### **PROS:-**

- A lot of extensions provide by VS Code. It's made our code very smooth and more powerful.
- It is very configurable and can use many predefined actions.
- According to me, auto save function is a one of the best features in VS Code.

### **Cons:-**

- Debugging supporter AI should be more improved.
- Hard to change setting on VS Code. so that should be more user-friendly
- Sometimes VS Code gets high CPU usage for running. so, the machine freezes sometimes.

## 2.5 Issues/observations from investigation

- Backend was not responding when we completed our website work.
- Error in showing our office location on google maps.
- Our website is user-friendly so that every user can use it conveniently.



## **2.6 Summary**

We will provide a luxury service with prestige value. Our prices will be out of reach for the majority of adventure travelers. Service will be priced based upon luxury competitor prices and the value added of our offering. Providers that offer offering luxury services similar to ours do so at prices similar to ours. We are competitively priced in the luxury market. Because we appeal to luxury and thus a smaller market, volume will be limited. However, we will be able to capture a higher gross profit margin.

## **3.REQUIREMENTS ARTIFACTS**

### **3.1 Introduction**

The most important part of the online travel agency project is its database. The database is full of Buses, Trains, Airplane timings and availability. Online travel agency is a web-based project where a user may search and apply for a travel service or package. The system allows the user to check various travel destinations and choose his destination accordingly. The software system checks for user choice and then queries the database for various available mediums to travel to that destination. The system then loads all that data and puts those choices in front of the user. The user can now choose various ways to reach his destination. When the user chooses the Bus, train or Airplane option, the system also allows the user to book tickets to the destination for the desired day and timings. Thus, this software system automates the working of a travel agency and allows users to check and book his holidays online through this website.

### **3.2 Hardware and Software Requirements**

#### Software Requirements:

- Windows, Mac/iOS, Android Smartphone
- Sql 2008

- Visual studio 2010

#### Minimum Hardware Requirements:

- Processor – P4
- Hard Disk – 40 GB
- Memory – 1GB RAM

### **3.3 Summary**

We will provide a luxury service with prestige value. Our prices will be out of reach for the majority of adventure travelers. Service will be priced based upon luxury competitor prices and the value added of our offering. Providers that offer offering luxury services similar to ours do so at prices similar to ours. We are competitively priced in the luxury market. Because we appeal to luxury and thus a smaller market, volume will be limited. However, we will be able to capture a higher gross profit margin.

## **4.DESIGN METHODOLOGY AND ITS NOVELTY**

### **4.1 Methodology and Goal**

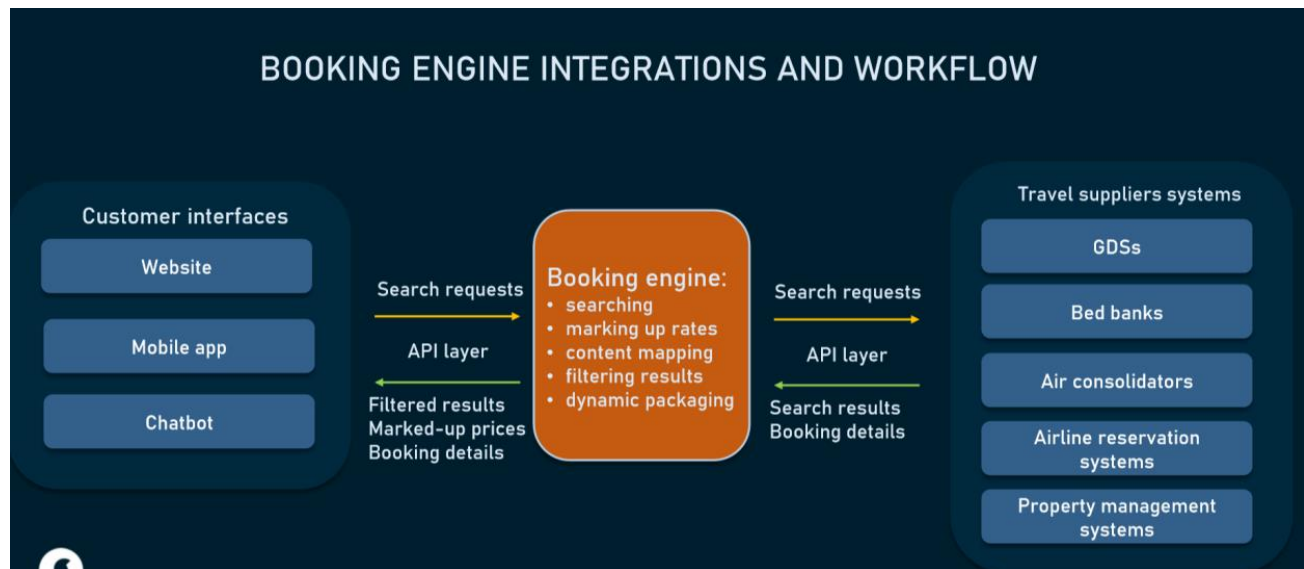
A travel agency's main function is to act as an agent, selling travel products and services on behalf of a supplier. They do not keep inventory in-hand unless they have pre-booked hotel rooms or cabins on a cruise ship for a group travel event such as a wedding, honeymoon, or other group event.

### **4.2 Functional Modules design and analysis**

- User Registration and login: User has to first create an account in the system by registering themselves and then can login into the system for accessing the services.
- Tour View: The system contains a list of all the tours and places so that users can explore and get an idea of various places to visit.

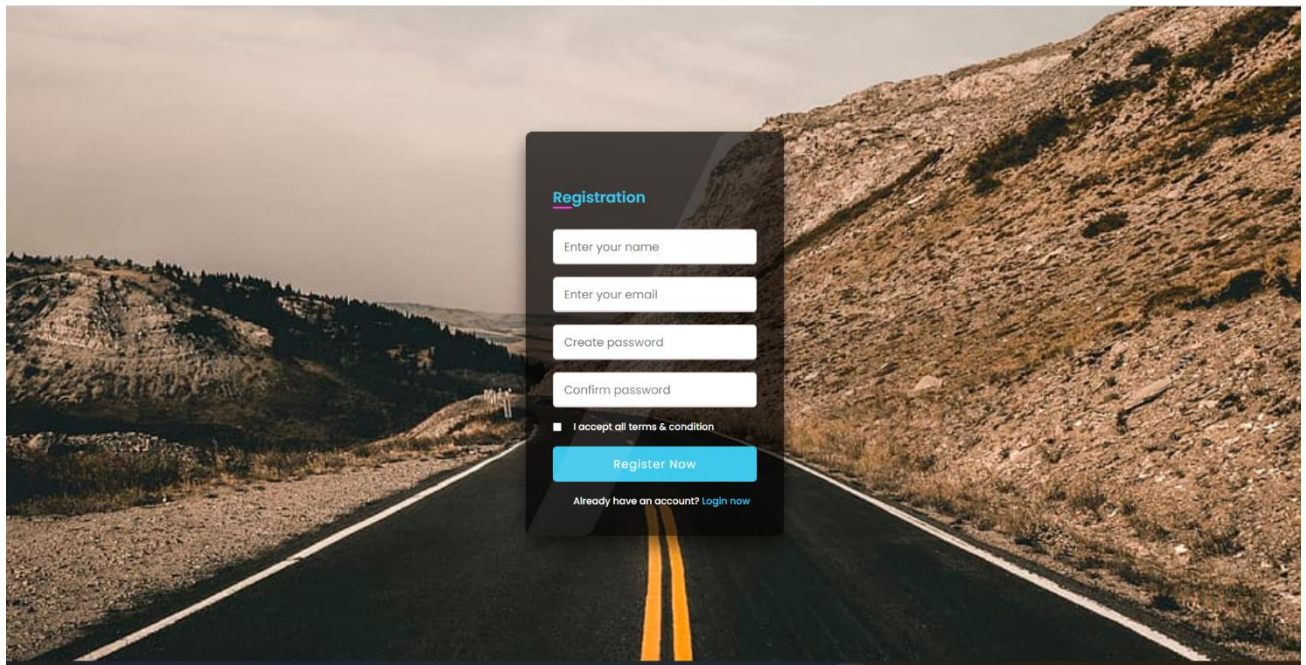
- Tour Package selection: It has three packages for all tours that include stay, food and travelling and user may select any one of them according to the kind of facility they want.
- Tour Cancellation: Users may even cancel their tour if they wish.
- Credit Card Payment: They can make payment online via credit card.
- Receipt Emailing: Every user gets an instant email notification regarding the payment being made.

### 4.3 Functional Modules design and analysis

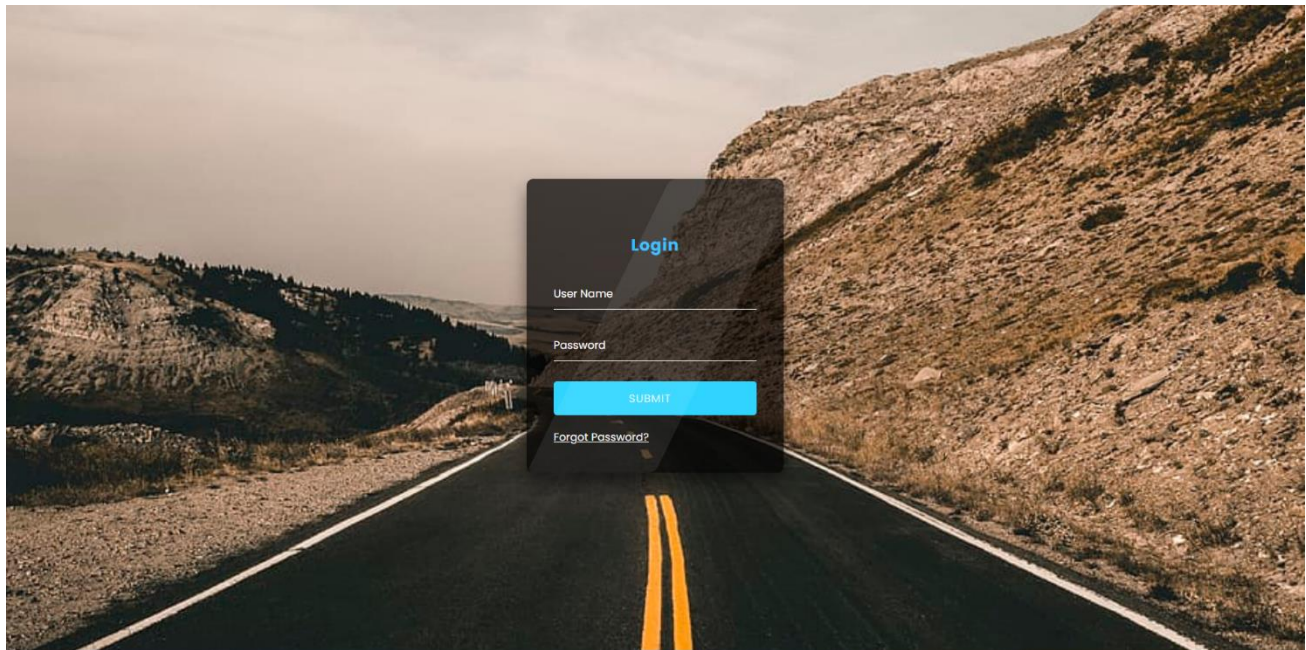


**Fig. 4.3.1 Architectural Design**

### 4.4 User Interface designs



**Fig. 4.4.1 Registration Form**



**Fig. 4.4.2 Login Form**

The wings of India.

OneWay: ☐ Round-trip: ☒

From  To

please select correct flight

Depart  Return

**Red Bird**  
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**Fig. 4.4.3 Booking Page**

## 4.5 Summary

We will provide a luxury service with prestige value. Our prices will be out of reach for the majority of adventure travelers. Service will be priced based upon luxury competitor prices and the value added of our offering. Providers that offer offering luxury services similar to ours do so at prices similar to ours. We are competitively priced in the luxury market. Because we appeal to luxury and thus a smaller market, volume will be limited. However, we will be able to capture a higher gross profit margin.

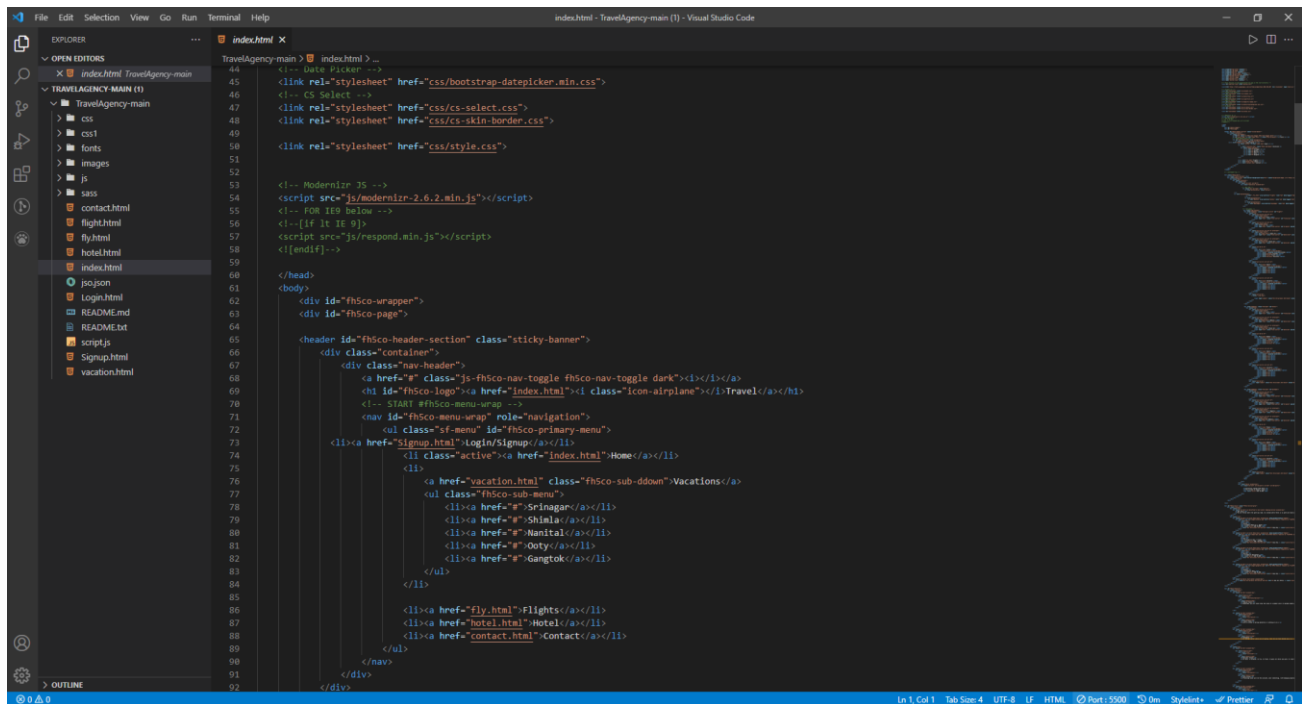
## **5.TECHNICAL IMPLEMENTATION & ANALYSIS**

### **5.1 Outline**



The purpose of travel sites is to provide information related to local or international tourists' destinations. When you are planning trips to where you are not familiar with, you may need to look into them. Travel sites are a platform to displace destination management companies that provides local travel services. you can reserve transportation, day tour services, restaurants, hotels, etc. Besides, from the perspective of local services providers, the sites play the role of ads carrier.

## 5.2 Technical Coding and code Solutions



```
44 <!-- Bootstrap Picker -->
45 <link rel="stylesheet" href="css/bootstrap-datepicker.min.css">
46 <!-- CS Select -->
47 <link rel="stylesheet" href="css/cs-select.css">
48 <link rel="stylesheet" href="css/cs-skin-border.css">
49
50 <!-- CS Select -->
51 <link rel="stylesheet" href="css/style.css">
52
53 <!-- Modernizr JS -->
54 <script src="js/modernizr-2.6.2.min.js"></script>
55 <!-- for it's below -->
56 <!--[[[ If It Is 8]]]-->
57 <script src="js/respond.min.js"></script>
58 <[[endif]]-->
59
60 </head>
61 <body>
62 <div id="fh5co-wrapper">
63 <div id="fh5co-page">
64
65 <header id="fh5co-header-section" class="sticky-banner">
66 <div class="container">
67 <div class="nav-header">
68 <a href="#" class="js-fh5co-nav-toggle fh5co-nav-toggle dark"><i></i></a>
69 <h1 id="fh5co-logo"><a href="index.html"><i class="icon-airplane"></i>Travel</a></h1>
70 <!-- START fh5co-menu-wrap -->
71 <nav id="fh5co-menu-wrap" role="navigation">
72 <ul class="sf-menu" id="fh5co-primary-menu">
73 <li><a href="signup.html">Login/Signup</a></li>
74 <li><a href="#" class="active"><a href="index.html">Home</a></li>
75 <li>
76 <a href="vacation.html" class="fh5co-sub-down">Vacations</a>
77 <ul class="fh5co-sub-menu">
78 <li><a href="#">Srinagar</a></li>
79 <li><a href="#">Shimla</a></li>
80 <li><a href="#">Munital</a></li>
81 <li><a href="#">Doty</a></li>
82 <li><a href="#">Gangtok</a></li>
83 </ul>
84 </li>
85 <li><a href="fly.html">Flights</a></li>
86 <li><a href="hotel.html">Hotel</a></li>
87 <li><a href="contact.html">Contact</a></li>
88 </ul>
89 </div>
90 </div>
91 </div>
92 </div>
```

Fig. 5.2.1 Home Page Code

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta http-equiv="X-UA-Compatible" content="IE=edge">
6   <meta name="viewport" content="width=device-width, initial-scale=1.0">
7   <link rel="stylesheet" href="css/login.css">
8   <link rel="stylesheet" href="css/style.css">
9   <title>Login Form Demo</title>
10 </head>
11 <body>
12   <div class="login-wrapper">
13     <form action="" class="form">
14       
15       <h2>Login</h2>
16       <div class="input-group">
17         <input type="text" name="loginUser" id="loginUser" required>
18         <label for="loginUser">User Name</label>
19       </div>
20       <div class="input-group">
21         <input type="password" name="loginPassword" id="loginPassword" required>
22         <label for="loginPassword">Password</label>
23       </div>
24       <a href="index.html" class="submit-btn">Submit</a>
25     </form>
26     <a href="#forgot-pw" class="forgot-pw">Forgot Password</a>
27   </div>
28   <div id="forgot-pw">
29     <form action="" class="form">
30       <a href="#" class="close">✖</a>
31       <h2>Reset Password</h2>
32       <div class="input-group">
33         <input type="email" name="email" id="email" required>
34         <label for="email">Email</label>
35       </div>
36       <input type="submit" value="Submit" class="submit-btn">
37     </form>
38   </div>
39 </body>
40 </html>
```

**Fig. 5.2.2 Login Page Code**

## 5.3 Working layout Of Forms

**Flights Hotels Packages**

From:  To:

Check In:  Check Out:

Class:

Adult:  Children:

**Search Flight**

**Fig. 5.3.1 Details Form**

Departure				
From : pune	To : mumbai	Date : 12/21/2021	Time : 08:09	Fare : 1000
Name:	Chirag			
Contact:	+917318349408			
Gender:	Male			
Your total Fare is :1000 INR				

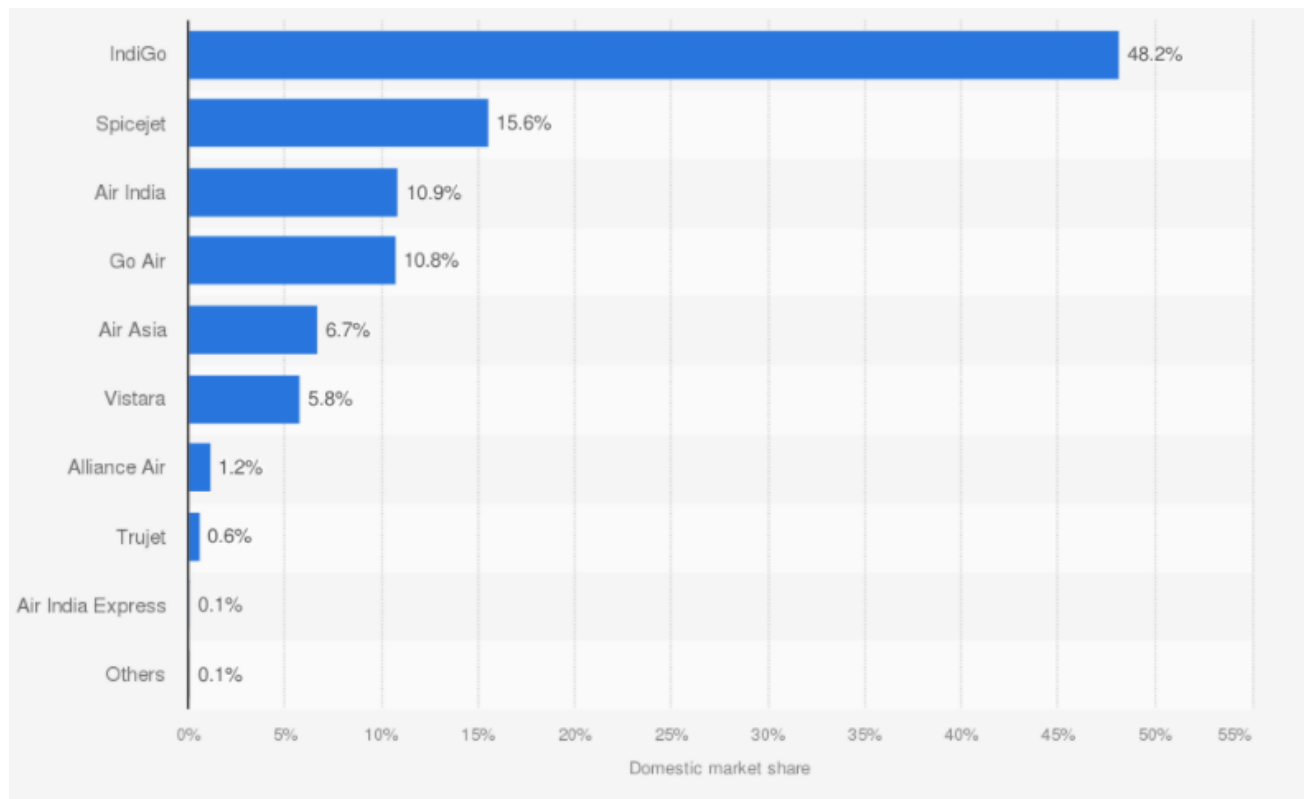
**Fig. 5.3.2 Tickets Form**

## 5.4 Test And Validation



7 Heaven Travel  
Agency - Google Ch

## 5.5 Performance Analysis(Graphs/Charts)



**Fig.5.3.1 Comparing Prices**

## 5.6 Summary

We will provide a luxury service with prestige value. Our prices will be out of reach for the majority of adventure travelers. Service will be priced based upon luxury competitor prices and the value added of our offering. Providers that offer offering luxury services similar to ours do so at prices similar to ours. We are competitively priced in the luxury market. Because we appeal to luxury and thus a smaller market, volume will be limited. However, we will be able to capture a higher gross profit margin.

## **6. PROJECT OUTCOME AND APPLICABILITY**

### **6.1 Outline**

**The purpose of travel sites is to provide information related to local or international tourists' destinations. When you are planning trips to where you are not familiar with, you may need to look into them. Travel sites are a platform to displace destination management companies that provides local travel services. you can reserve transportation, day tour services, restaurants, hotels, etc. Besides, from the perspective of local services providers, the sites play the role of ads carrier.**

### **6.2 Key Implementations outlines of the System**

#### **➤ User-friendly booking options:-**

Every business is dependent on its user experience. As far as the travel industry is concerned, if a user faces any difficulties in booking their rides, accommodation, etc they will approach other TMS. To avoid losing business or customers, building a user-friendly booking tool is most important.

#### **➤ Transportation matters:-**

Any user who is availing the air, hotel services, may expect the transportation should be available on a single platform on which they can book their pre-post air transportation like car, bus, or train. Many TMS can think of extending their services in cars, buses, rail.

#### **➤ Customized policies**

The policy is the most important feature in the travel management system not only for end-users but also for agents and agencies. Policies may differ for each and every service.

- Different pricing policy for normal citizens and senior citizens
- Global Policies for domestic and international travel may vary
- Advance booking policies may vary to each agency

## ➤ Easy Payment options

We can expect easy and upgraded payment options other than cash from TMS while traveling like QR codes, UPI IDs, online banking, debit or credit cards

### 6.3 Project Applicability on Real-world Applications

- ❖ Online booking system open 24/7 ,users can book anytime.
- ❖ Online booking systems let you book more tours in less time.
- ❖ A major benefit of an online booking system is that you can make it easy for customers to pre-pay for activities and tours.
- ❖ Online booking systems allow users to check the availability of ticket in any device.

### 6.4 Inference

**This web application was successfully created and stored all the travel admin tourism packages booking, creation managing and tour details into the database using this application. The application was tested very well and the errors were properly debugged. Testing also concluded that the performance of the system is satisfactory. All the necessary output is generated. This system thus provides an easy way to automate all the functionalities of consumption. If this application is implemented in few consumption, it will be helpful. Further enhancements can be made to the project, so that the website functions in a very attractive and useful manner than the present one. It is concluded that the application works well and satisfy the**

**needs. The application is tested very well and errors are properly debugged. It also acts as the sharing of files to the valuable resources.**

## **7. CONCLUSIONS AND RECOMMENDATION**

### **7.1 Outline**

**The purpose of travel sites is to provide information related to local or international tourists' destinations. When you are planning trips to where you are not familiar with, you may need to look into them. Travel sites are a platform to displace destination management companies that provides local travel services. you can reserve transportation, day tour services, restaurants, hotels, etc. Besides, from the perspective of local services providers, the sites play the role of ads carrier.**

### **7.2 Limitation/Constraints of the System**

- The website is straight-forward which is user-friendly.**
  - The user chooses any type of booking in a single site they don't have to visit another site for booking.**
  - Flexibility to cancel active reservation without penalty upto 72 hrs.**
  - User can book flight ticket and hotel anytime & anywhere.**



**➤ Online website can charge commission on every sale but we doesn't take any charge.**

### **7.3 Future Enhancements**

The internet revolution has changed the scenario of travel industry through the easily accessible of travel products to the mass consumers by their virtual presence rather than physical. The online travel Portal (OTP) is also known by Online Travel agent, E-travel agents and virtual travel agents (VTA's). The concept of travel agents immersed as a connecting link between supplier and consumer. In a last 5-10 years techno friendly visitors prefer more to buy their travel services online like the online shopping of physical goods. The OTP has served vast prospects for travellers to buy their travel directly online thereby evading the traditional travel systems i.e. travel agencies. While serving as an intermediary means between service providers and tourists, internet has reduced the significance of the traditional intermediary (travel agents) or at the large extent traditional part became very uncommon in today's practice. Web-services may eventually progress to disintermediation of travel business since the travel facility and product suppliers can sell their products and services directly to the travellers. Yet, Traditional Travel agencies still have the benefit of serving personalized services particularly in giving advice to travellers with an individual touch. This paper attempts to examine perceptions of tourists travelling from eastern Uttar Pradesh who had not only used traditional methods but also booked their itinerary through at least one travel website and Web Portals which can relate their experience in using them and their opinion upon disintermediation. The study will determine preference of tourists in choosing their services in accordance to their length of stay, demographic and socioeconomic characteristics upon their purchasing behaviour.

### **7.4 Inference**

**“Travel and tourism management” simplifies the management process in travelling. • Fast processing and immediate results with high security. • Minimizing human effort and cost efficient databases. • Navigation through the site is easy.**

## APPENDIX A



**Amazon Web Services, Inc. (AWS)** is a subsidiary of [Amazon](#) providing [on-demand cloud computing platforms](#) and [APIs](#) to individuals, companies, and governments, on a metered pay-as-you-go basis. These cloud computing [web services](#) provide a variety of basic abstract technical infrastructure and [distributed computing](#) building blocks and tools. One of these services is [Amazon Elastic Compute Cloud](#) (EC2), which allows users to have at their disposal a [virtual cluster of computers](#), available all the time, through the Internet. AWS's virtual computers emulate most of the attributes of a real computer, including hardware [central processing units](#) (CPUs) and [graphics processing units](#) (GPUs) for processing; local/[RAM](#) memory; hard-disk/[SSD storage](#); a choice of operating systems; networking; and pre-loaded application software such as [web servers](#), [databases](#), and [customer relationship management](#) (CRM).

The AWS technology is implemented at [server farms](#) throughout the world, and maintained by the Amazon subsidiary. Fees are based on a combination of usage (known as a "Pay-as-you-go" model), hardware, operating system, software, or networking features chosen by the subscriber required [availability](#), [redundancy](#), [security](#), and service options. Subscribers can pay for a single virtual AWS computer, a dedicated physical computer, or clusters of either. As part of the subscription agreement,<sup>[8]</sup> Amazon provides security for subscribers' systems. AWS operates from many global geographical regions including 6 in North America.

Amazon markets AWS to subscribers as a way of obtaining large scale computing capacity more quickly and cheaply than building an actual physical server farm.<sup>[10]</sup> All services are billed based on usage, but each service measures usage in varying ways. As of 2017, AWS owns 33% of all cloud ([IaaS](#), [PaaS](#)) while the next two competitors [Microsoft Azure](#) and [Google Cloud](#) have 18%, and 9% respectively, according to Synergy Group.

## REFERENCES

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