# **Project Report**

on

# "VISIT MY INDIA"

# Submitted By

**Arpan Sanyal** 

(BWU/DCS/18/007)

**Tuhina Debnath** 

(BWU/DCS/18/001)

**Rul Amin** 

(BWU/DCS/18/030)

**Udipta Das** 

(BWU/DCS/18/033)

**Rohan Sadhukhan** 

(BWU/DCS/18/012)

**Under the Guidance of** 

Mr. Joydeep Kundu

Assistant Professor

Department of Computer Science and Engineering

Brainware University

in partial fulfilment for the award of the degree

of

**Diploma in Computer Science and Engineering** 



**Department of Computer Science and Engineering** 

# **BRAINWARE UNIVERSITY**

398, Ramkrishnapur Road, Barasat, North 24 Parganas, Kolkata - 700 125

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# Department of Computer Science and Engineering BRAINWARE UNIVERSITY

398, Ramkrishnapur Road, Barasat, North 24 Parganas, Kolkata - 700 125

# **BONAFIDE CERTIFICATE**

Certified that this project report "VISIT MY INDIA" is the bonafide work of "Tuhina Debnath, Arpan Sanyal, Rohan Sadhukhan, Rul Amin, Udipta Das" who carried out the project work under my supervision.

Mr. Jayanta Aich
Head of the Department
Computer Sc. of Engineering
Brainware University, Barasat.

Mr. Joydeep Kundu Supervisor

Assistant Professor,
Dept. of Computer Sc. of
Engineering
Brainware University, Barasat.

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# 1.INTRODUCTION

Tourism is a dynamic and competitive industry that requires the ability to adapt constantly to customers' changing needs and desires, as the customer's satisfaction, safety and enjoyment are particularly the focus of tourism businesses.

# 1.1 objective

- a. Gain knowledge about the origins of the tourism industry
- b. Provide an overview of the economic, social, and environmental impacts of tourism worldwide

# 1.2 Backgrounds

# 1.2.1 Existing system

We are a leading online travel company in India providing a 'best in class' customer experience with the goal to be 'India's Travel Planner'. Since our inception in 2006, more than 7 million customers have used one or more of our comprehensive travel-related services, which include domestic and international air ticketing, hotel bookings, homestays, holiday packages, bus ticketing, rail ticketing, activities and ancillary services. With over 83,000 hotels contracted across India, we are India's largest platform for domestic hotels. A strong and "trusted" travel brand of India, our strengths include a large and loyal customer base, a multi-channel platform for leisure and business travellers, a robust mobile eco-system for a spectrum of travelers and suppliers, a strong technology platform designed to deliver a high level of scalability and innovation and a seasoned senior management team comprising of industry executives with deep roots in the travel industry in India and abroad.

# 1.2.2 The Drawbacks of existing system

- **1. Security issues:** One of the main concerns is that it charges huge amount of money as a security.
- **2. International visits:** We have not started our international visits yet.
- 2. Planning

# 2.1 Purpose

- EXPENSES: These will be rent, office supplies, consultant's fees, insurance, utilities, etc. The largest start-up expense will be for computers.
- ASSETS: Primarily cash and computers.

- INVESTMENT: The bulk of the investment will come from a loan from Shea Delaney's personal savings.
- LOANS: Rs 85,000 loan has been secured from Woodville First National Bank.

That might be planning a journey, booking a room or sharing a piece of content. Whatever the overarching aim of your website, the design needs to be focused on ensuring that aim is achieved.

# 2.2 <u>Scope</u>

Our goals over the next three years are:

- Sales of Rs 650,000 by year three.
- Maintain margins of 10% on all airline travel.
- Achieve 15% of sales from the Internet.
- Develop strategic alliances with service providers nationally, internationally, and in the Woodville area.

The Indian government took efforts to encourage different kinds of tourism in India. India shows an exponential growth in tourism industry because of the support given by the government.

The tourists can enjoy different kind of tourism. They are:

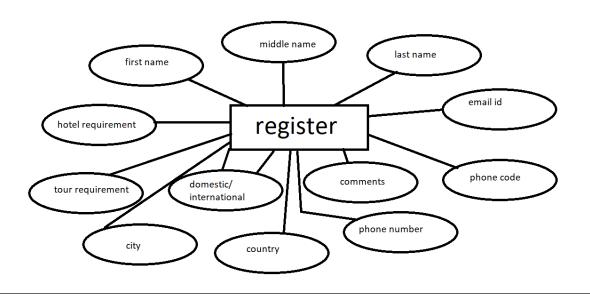
- Adventure Tourism
- Cultural Tourism
- Wildlife Tourism

# 2.3. Applicability

Developing travel web applications can be tricky, but just like any other business, if you know your 4Ps that are the product, people, promotion and price then you can be the master of your game. Making traveling easier will not only help your business, but it will also boost the whole industry. People want to move around the world, explore new places, experience different cultures and taste other cuisines.

# 2.4 ER Diagram

ER Diagram of the form in contact us page:



# 3. Requirement Analysis

# 3.1 <u>Technical Requirements</u>

# 3.1.1 Software Requirement to develop the system

Editor: Sublime / Eclipse PHP

Web Browsers: Chrome (for testing purposes...also some browsers provide responsive

or mobile view)

Browser Add-ons: Firebug, Web Developer etc

application frameworks: Codeigniter (PHP)

JavaScript libraries: jQuery

# 3.1.2 <u>Hardware Requirement to develop the system</u>

# Standard PC/laptops

Most current computers and laptops have high enough specifications to be used to create a website. The most important specification to check on the computer would be the size of the RAM, which should be over 2GB, though more is better. This will ensure that the computer runs quickly and smoothly, even with heavier programs such as website editors or photo editors. The computer should have a keyboard and mouse attached and working as well with screen resolution minimum of 1280 x 950.

### Internet

In order to create a website, access to a high-speed Internet connection can be vital. This allows you to transfer the files that will make up your website to the online server that will be hosting your website, post updates on your website and look at your website live online to make sure that it is displaying correctly.

# • External Hard Drive or DVDs for Backup

You should always keep a fairly current backup of your website in case there is an issue where the site crashes or files become corrupted. You can keep this backup on an external hard drive or a set of DVDs, depending on your preference. It is possible for an external hard drive to crash, losing your backup, but DVDs can be more unwieldy and can also scratch causing data loss. How often you should create a backup depends on how often you update your website, but once a month for a regularly-updated site can be a good amount of time.

Microphone

# 3.1.3 Minimum Software Requirement to develop the system

Editor: Sublime / Eclipse PHP

Web Browsers: Chrome (for testing purposes...also some browsers provide responsive or mobile view)

# 3.1.4 Minimum <u>Hardware Requirement to develop the system</u>

# • Standard PC/laptops

Most current computers and laptops have high enough specifications to be used to create a website. The most important specification to check on the computer would be the size of the RAM, which should be over 2GB, though more is better. This will ensure that the computer runs quickly and smoothly.

### Internet

In order to create a website, access to a high-speed Internet connection can be vital. This allows you to transfer the files that will make up your website to the online server.

Microphone

# 3.2 <u>Functional Requirements</u>

- Travel Expenses section should be categorized into two sub sections as Travel Bill and Travel Order
- Travel Bill should be to capture data related to the tour after the visit. And
  it should be divided in to four sub sections as creating a travel bill,
  Authorization, Review and payments.
- Travel Order should allow a user to make a booking by traveler himself and for request any travel advances before the tour.

 Relevant data can be entered to the system by traveller him/herself or by a secretary.

# 4.1 How the system Works

For most businesses a website is a storefront. For your tourist region, your website offers the first glimpse into what your destination has to offer. Whatever amenities your region boasts, it's easy to get caught up in creating a stellar final product that allows your region to sell itself. But focusing the final product omits one important element: The tourist you are trying to attract to your website.

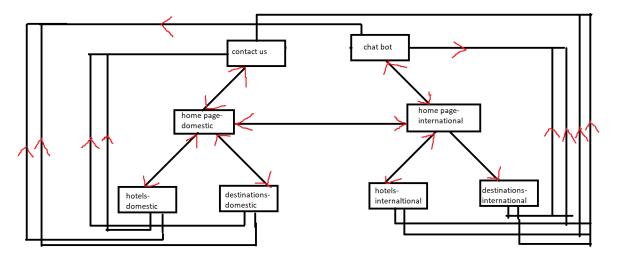
So, in our website we have limited our audience to tourist who want to visit tourist spots in India. We have included:

In Domestic: Kashmir, Agra, Ladakh, Rajasthan, Himachal, Kerala, Sikkim, Tamil Nadu

In International: Bangkok, Dubai, London, Maldives, Singapore, Switzerland, Sydney, Thailand.

And based on these locations we have decided to keep our hotel and luxury resources at the places stated above.

# 4.2 Flow Chart



# 4.3 Module wise working functionalities

# Home page:

It is the main page which links each element to the other pages. The carrousel, icons used to depict the various destinations lead to the various destination pages. The hotel cards used lead to the hotels at the respective places.

# **Destination page:**

We have included:

DOMESTIC	INTERNATIONAL
KASHMIR	BANGKOK
AGRA	DUBAI
LADAKH	LONDON
RAJASTHAN	MALDIVES
HIMACHAL	SINGAPORE
KERALA	SWITZERLAND
SIKKIM	SYDNEY
TAMIL NADU	THAILAND

Each destination has a page which contains a brief description of the spot with a customer enquiry form to know about the customer's requirements based on which tour will be planned.

# **Hotels page:**

We have included:

DOMESTIC HOTELS	INTERNATIONAL HOTELS
KASHMIR HOTELS	BANGKOK HOTELS
AGRA HOTELS	DUBAI HOTELS
LADAKH HOTELS	LONDON HOTELS
RAJASTHAN HOTELS	MALDIVES HOTELS
HIMACHAL HOTELS	SINGAPORE HOTELS
KERALA HOTELS	SWITZERLAND HOTELS
SIKKIM HOTELS	SYDNEY HOTELS
TAMIL NADU HOTELS	THAILAND HOTELS

Each hotel has a page which contains a brief description of the hotel with image, amenities and with a customer enquiry form to know about the customer's requirements based on which hotel will be booked.

# Contact us page:

Here in this page, we have asked for our customer's details which includes form. The customer enters his details and the details are saved in our database. In the footer of each page, we have given our phone number, email id, geo-location and presence in the various social media platforms where our visitors can find us.

### **Chat Bot:**

We have used basic Javascript taught to us and with some help from internet to develop a small chatbot. It is required for making our website more interactive with user and for their help in accessing their required sites and information

# 5. Proposed Design

# 5.1 Database

The purpose of the project is to develop a distributed database system for tourist application by utilizing the knowledge and skills gaining from this subject. This project is chosen to enhance the technical skills that are acquired from lectures and lab exercises; every phase of this project includes implementation of various programming aspects of the subject.

The Database we used via Xampp Server in PhpmyAdmin is TEST where we have created a Table named Register which is used to store the details of the customer who want to contact us and their details regarding the service of Tourism they want.

The details required are: Customer's first name, middle name, last name, email id, phone code, phone number, country, city, type of tourism they opt for(domestic/international), tour requirement, hotel requirement and any additional comments they want to inform. All of this from the form of contact us page will be stored in the table "Register".

These are the columns with their attributes.

#	Name	Туре	Collation	Attributes	Null	Default	Comments	Extra
1	id 🔑	int(20)			No	None		AUTO_INCREMENT
2	firstname	varchar(20)	latin1_swedish_ci		No	None		
3	middlename	text	latin1_swedish_ci		No	None		
4	lastname	varchar(20)	latin1_swedish_ci		No	None		
5	email	varchar(30)	latin1_swedish_ci		No	None		
6	phonecode	int(5)			No	None		
7	phone	bigint(15)			No	None		
8	country	varchar(20)	latin1_swedish_ci		No	None		
9	city	varchar(20)	latin1_swedish_ci		No	None		
10	type	varchar(20)	latin1_swedish_ci		No	None		
11	tour	varchar(10)	latin1_swedish_ci		No	None		
12	hotel	varchar(10)	latin1_swedish_ci		No	None		
13	comment	varchar(200)	latin1_swedish_ci		No	None		

# The schema of the Database is as follows:

Database: test, Table: registe	r, Purpose: Dumpi	ng data					
id firstname middlename	lastname email	phonecode	phone	country	city type	tour hotel	comment

# 5.2 Webpage

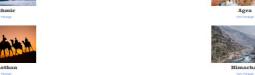


# International Tourism

View International Packages

Top Trending India Holiday Destinations



































# Destination

Agra Himachal Kashmir Sikkim Rajasthan Tamil Nadu

# Hotels

Agra Hotels Himachal hotels Kashmir Hotels Sikkim Hotels Kerala Hotels Ladakh Hotels Rajasthan Hotels Tamil Nadu Hotels

# Get In Touch

+918237986574

▼ +916237900374

➤ VisitMyIndia@gmail.com

P location

Barasat

kol-700125



# **HOMEPAGE-INTERNATIONAL TOURISM:**



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View Domestic Packages

### Top Trending International Holiday Destinations



Bangkok



Maldives



Dubai



Singapore



Londor



Switzerland



Sydney



Thailand

























### **About Us**



### Overview

Bangkok, Thailand's capital, is a large city known for ornate shrines and vibrant street life. The boat-filled Chao Phraya River feeds its network of canals, flowing past the Rattanakosin royal district, home to opulent Grand Palace and its sacred Wat Phra Kaew Temple. Nearby is Wat Pho Temple with an enomous reclining Buddha and, on the opposite shore, Wat Arun Temple with its steeps steps and Khmer-style spire.

Switzerland is a mountainous Central European country, home to numerous lakes, villages and the high peaks of the Alps. Its cities contain medieval quarters, with landmarks like capital Bern's Zytglogge clock tower and Lucerne's wooden chapel bridge.

Maldives, officially the Republic of Maldives, is a small archipelagic state in South Asia, situated in the Arabian Sea of the Indian Ocean. It lies southwest of Sri Lanks and India, about 700 kilometres from the Asian continents' mainland. Thailand is a Southeast Asian country. It's known for tropical beaches, opulent royal palaces, ancient ruins and ornate temples displaying figures of Buddha. In Bangkok, the capital, an ultramodern cityscape rises next to quiet canalside communities and the iconic temples of Wat Arun, Wat Pho and the Emerald Buddha Temple (Wat Phra Kaew). Nearby beach resorts include bustling Pattaya and fashionable Hua Hin.

Sydney, capital of New South Wales and one of Australia's largest cities, is best known for its harbourfront Sydney Opera House, with a distinctive sail-like design. Massive Darling Harbour and the smaller Circular Quay port are hubs of waterside life, with the arched Harbour Bridge and esteemed Royal Botanic Garden nearby.

# FOOTER:

# Destination Hotels Get In Touch Thailand Thailand Hotels ♣ +918237986574 Bangkok Bangkok Hotels ☒ VisitMyIndia@gmail.com Swizerland Switzerland Hotels ✔ location Singapore Singapore Hotels Barasat Dubai Dubai Hotels kol-700125 Maldives Maldives Hotels London London Hotels Sydney Sydney Hotels



# <u>DESTINATIONS PAGE:</u> DOMESTIC:





built by Shah Ishan, enthrely of marble. The Khoas Mahad demonstrates distinctive Islamic-Tension resulters. There are well blended with a striking range of Hindu Features such as childrin. It is considered to be emperor's steeping room or "Arangah". Khoas Mahad provides the most successful example of pointing on a white marble surface. On the left of the Khoas Mahad, it is the Musamman Just, built by Shah Ishan. It is a beadful example of pointing on a white marble surface. On the left of the Khoas Mahad, is the Musamman Just, built by Shah Ishan. It is a beadful example of Secretary Shah Ishan Shah Ishan Shah Ishan. It is a Shah Mahad is the Color Shake is the Finest example of decorative water engineering in the homenous. It is believed to have been the homenous the point of the right of Sheeh Mahad is Disson-I-Khoas, the half of Private Audence. The marble pillion are includ with termi-precious stores in delightful foreign patterns. Adjacent to this, is the Mamaman-I-Chahal or the Sheh Marb, used as the summer retreat.

After construction of the Agra first was started around 1564, when the initial structures were built by the Mulgal Emperor Albor, and subsequently storage to the plant of the more than the construction of the Agra fert was started around 1564, when the initial structures were built by the Mulgal Emperor Albor, and subsequently storage to the plant produced to the produce construction. The regard and structures are subsequently storage to the first was determined by the course of the firs

# INTERNATIONAL:







### BANGKOK TOUR PACKAGES



### THINGS TO DO AND SEE IN BANGKOK

# PLACES TO STAY PAGE: DOMESTIC:





# HIMACHAL HOTEL PACKAGES



# **INTERNATIONAL:**











# THAILAND HOTEL PACKAGES





### CONTACT US PAGE:

Home



Name of the customer* First Name Middle Name Last Name	
Email Id* Email	
Mobile Number <sup>∗</sup> Select Code ♥	
Origin Country/City* India	
International/Domestic Tourism	
Tour Requirement (Y/N)	
Hotel Requirement (Y/N)	
Additional Comment	
Submit	

# **CHAT BOT PAGE:**

Home

**Contact Us** 



	ACTIVATE VOICE	
what is your query related to?		
how are you?		
destination		
Places to Stay		
Contact		
	CHAT AGAIN	

# 5.3 Database Connectivity

We have used Xampp server thorugh Apache and MySql module to connect our pages to our localhost/contactus.php. In that page we have collected the details of the customer and when they are submitted, the details get stored in localhost/phpmyadmin under Database Test in Table register. There is a contactus.php page which is connected to connection.php which helps to connect the data entereed to the database in their respective columns.

# 5.4 Chat bot

Chatbots can provide a smooth experience to customers, so they seem to be a favorite with a great number of people At the moment, chatbots deal with queries clearly within their capabilities. A bot is at its most helpful when customers ask simple, common questions, because the information required to respond has already been gathered. We have used basic Javascript taught to us and with some help from internet to develop a small chatbot. It is required for making our website more interactive with user and for their help in accessing their required sites and information and the following reasons:

- Instant answers
- Recorded answers
- Endless patience

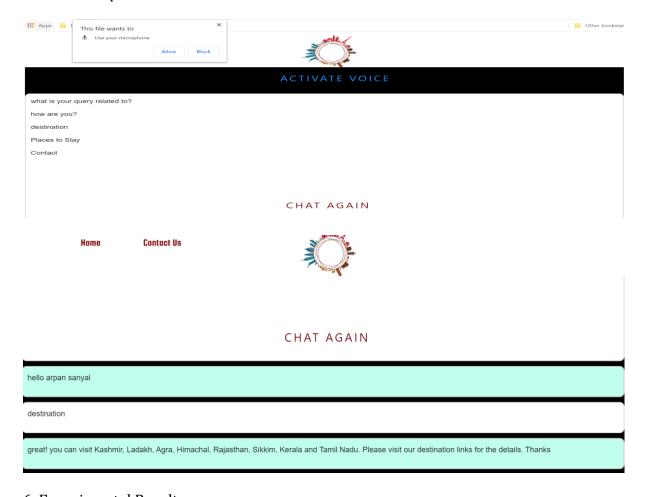
It is basically needed in the website main homepage compulsorily and at every point in the other links for the customer to opt for help at any point of time.

# Steps:

- 1. Activate voice and allow the microphone
- 2. Then for the first time it will ask for user's first name and last name and give a welcome speech.
- 3. Then there are given a set of dummy questions that the user can ask by activationg voice and allowing microphone like(hotels, destinations we provide tourism at, how to contact us)

We have also kept a chat like printing option where your conversation with bot is record and you can refer to that later after the chat also.

Also the chat bot has specifications like, when it will be accessed from the domestic pages only info related to domestic tourism will be shared and similarly for international also. But the homepages provide information about both domestic and international tourism. The main unique feature it has is the voice chat with the bot.



# 6. Experimental Result

The following observations were made as a result of experiments conducted by us on a project of webpage design. As we have made a project on webpage design, our final project ran successfully. It has a clean and attractive interface which attract everyone to visit our webpage. We included 8 different Places for visit and best of hotels both in domestic and international. We included Clear and attractive images for visitor attraction. Also, out Database connectivity worked correctly as the data entered by the user is stored in our database. The chat-bot worked accurately if the voice is not broken or some other audio is merged with speech.

# 7. Future Scope

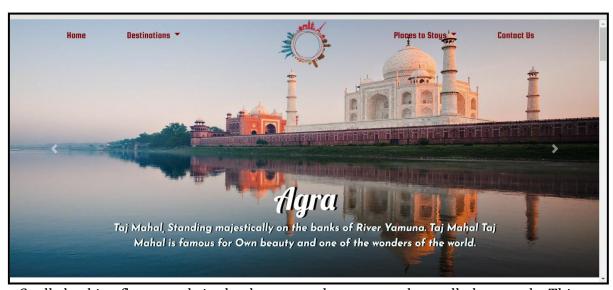
# 1.Debugger

When a coder who has HTML knowledge designs a webpage, then sometimes it's easier for him to make changes in the code view and apply them rather than in design view. But in such cases, it's difficult to detect errors and debug them. So a debugger will be helpful to easily design error free webpage even from the code view.

# 2. Memory and traffic management

Giving facilities to the user to manage webspace as per the built website. Managing the visitors of the website and traffic log. Real-time visitor analytics, PageRank tracking, and more - all in one place.

# 3. Spell check



Spell checking flags words in the document that may not be spelled correctly. This feature can help user avoid spelling mistakes in the content written and thus make a webpage containing correct content. A comprehensive spell checker enables website owners to spell check their website content during webpage creation much before they decide to publish it to their live website.

# 4. User 's site management

This includes allowing user to view complete website from single editor. Thus, user has better control over the website and addition, deletion and interlinking of pages.

Moreover, it gives user a better view in perspective of space required for the website.

# 8.Conclusion-

The purpose and objective of the tour or travel website design project is achieved. By providing extremely rich graphical user interface, images and introductions, the webpage is look attractive. Flexibility in designing makes user explore their imagination and thus, even everyone who loves to travel user can dream and accomplish their wish to go for a trip and book hotels.

# 9. Bibliography/References

- 1. From Wikipedia, "HTML", <a href="http://en.wikipedia.org/wiki/html">http://en.wikipedia.org/wiki/html</a>.
- 2. <a href="http://www.Adobe.com/Dreamweaver">http://www.Adobe.com/Dreamweaver</a>
- 3. Google Fonts <a href="https://fonts.google.com/">https://fonts.google.com/</a>
- 4. Image collection <a href="https://www.google.co.in/">https://www.google.co.in/</a>

# **ACKNOWLEDGEMENT**

Apart from the efforts of us, the partial improvement of this project depends largely on the encouragement and guidelines of many others. We take this opportunity to express our gratitude to the people who have been instrumental in the successful completion of this project.

We would like to show our greatest appreciation to our project guide, **Mr. Joydeep Kundu**, Assistant Professor, Department of Computer Science and Engineering, Brainware University.

We would like to show our greatest gratitude to the head of the Department, **Mr. Jayanta Aich**, HOD & Assistant Professor, Department of Computer Science and Engineering. Brainware University

The guidance and support received from all our teachers was important for the improvement of the project. We are grateful for their constant support and help.

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