TRAVEL WEBSITE

MAJOR PROJECT/DISSERTATION REPORT

Submitted by

PRADYUMAN PRATAP SINGH

2017-301-125

in partial fulfilment for the award of the degree of

BACHELOR OF COMPUTER APPLICATION

Under the supervision of

Dr. Samar Wazir

Department of Computer Science & Engineering
School of Engineering Sciences & Technology

JAMIA HAMDARD
(Deemed to be University)
New Delhi-110062

2020

I

CERTIFICATE

JAMIA HAMDARD

Phone : 011-2605 9588 (12Lines)
Fax : 00-91-11-26059663
Email:inquiry@jamiahamdard.edu
Website: www.jamiahamdard.edu

(Hamdard University)
(Declared as Deemed-to-be University under Section 3 of the UGC Act, 1956 vide Notification No. F.9-18/85-U.3 dated 10.5.1989 of the Government of India)

HAMDARD NAGAR
NEW DELHI-110062

Accredited by NAAC in 'A' Category

CERTIFICATE

On the basis of the declaration submitted by **Mr. Pradyuman Pratap Singh (Enrolment No: 2017-301-125)** a student of **Bachelor of Computer Application (BCA)**, I hereby certify that the dissertation entitled **"Travel Website"** being submitted to the Department of Computer Science & Engineering, Jamia Hamdard, New Delhi in partial fulfillment of the requirement for the award of the degree of **Bachelor of Computer Application (BCA)** is carried out by him under my supervision.

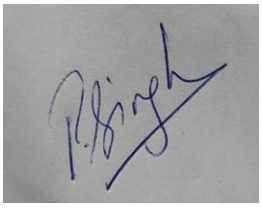
Dr. Samar Wazir
(Supervisor)

Prof. M. Afshar Alam
Head, Department of CSE

II

DECLARATION

I, **Mr. Pradyuman Pratap Singh** a student of **Bachelor of Computer Application (BCA),(Enrolment No: 2017-301-125)** hereby declare that the dissertation entitled **"Travel Website"** which is being submitted by me to the Department of Computer Science & Engineering, School of Engineering Sciences & Technology, Jamia Hamdard, New Delhi in partial fulfillment of the requirement for the award of the degree of **Bachelor of Computer Application (BCA),** is my original work and has not been submitted anywhere else for the award of any Degree, Diploma, Associateship, Fellowship or other similar title or recognition.



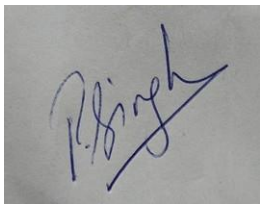
Date: 19/06/2020 **Pradyuman Pratap Singh**

Place: New Delhi **2017-301-125**

III

ACKNOWLEDGEMENT

I would like to express my deepest gratitude to many people who contributed in the making of this project report and to ***Dr. Samar Wazir*** for the special mention who holds the attitude of substance and Genius: who continually and convincingly conveyed the spirit of adventure in the making of this project. I would like to extend my gratitude to the entire Faculty of the ***Bachelor of Computer Application*** Department of the New Delhi School of Engineering Sciences and Technology for their Continuous support and Cooperation and acting as a guide at each stage.
The experience that we gained through this project report is of immense importance not only academically but also professionally. Indeed, we will remain Grateful to all of them.



Pradyuman Pratap Singh

Date: 19/06/2020

IV

LIST OF ABBREVIATIONS

DFD- Data Flow Diagram

ER- Entity Relationship

HTML - Hyper Text Mark-up Language

CSS- Cascading Style Sheet

OTA- Online Travel Agency

HTTP- HyperText Transfer Protocol

CPU- Central Processing Unit

V

LIST OF FIGURES

DFD Context level

DFD Level 1

ER diagram

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TRAVEL WEBSITE

Under the guidance of:

Dr. Samar Wazir

PRADYUMAN

2017-301-125

OBJECTIVE OF THE PROJECT

Aim of this project is to provide a static website. This static websites allows businesses to explain their company's goals and objectives.

The main purpose of our static website designing services it to provide you with an online presence. This would help you to showcase your products and earn business.

INTRODUCTION

A website (also written as web site) is a collection of web pages and related content that is identified by a common domain name and published on at least one web server. Notable examples are wikipedia.org, google.com, and amazon.com.

All publicly accessible websites collectively constitute the World Wide Web. There are also private websites that can only be accessed on a private network, such as a company's internal website for its employees.

Websites are typically dedicated to a particular topic or purpose, such as news, education, commerce, entertainment, or social networking. Hyperlinking between web pages guides the navigation of the site, which often starts with a home page.

Users can access websites on a range of devices, including desktops, laptops, tablets, and smartphones. The software application used on these devices is called a web browser.

Introduction to Website Development

Web development is the work involved in developing a website for the Internet (World Wide Web) or an intranet (a private network). Web development can range from developing a simple single static page of plain text to complex web-based internet applications (web apps), electronic businesses, and social network services. A more comprehensive list of tasks to which web development commonly refers, may include web engineering, web design, web content development, client liaison, client-side/server-side scripting, web server and network security configuration, and e-commerce development.

Among web professionals, "web development" usually refers to the main non-design aspects of building websites: writing mark-up and coding. Web development may use content management systems (CMS) to make content changes easier and available with basic technical skills.

For larger organizations and businesses, web development teams can consist of hundreds of people (web developers) and follow standard methods like agile methodologies while developing websites. Smaller organizations may only require a single permanent or contracting developer, or secondary assignment to related job positions such as a graphic designer or information systems technician. Web development may be a collaborative effort between departments rather than the domain of a designated department. There are three kinds of web developer specialization: front-end developer, back-end developer, and full-stack developer. Front-end developers are responsible for behaviour and visuals that run in the user browser, while back-end developers deal with the servers.

Web programming, also known as web development, is the creation of dynamic web applications. Examples of web applications are social networking sites like Facebook or e-commerce sites like Amazon.

The good news is that learning web development is not that hard!

In fact, many argue it’s the best form of coding for beginners to learn. It’s easy to set up, you get instant results and there’s plenty of online training available.

A lot of people learn web coding because they want to create the next Facebook or find a job in the industry. But it’s also a good choice if you just want a general introduction to coding, since it’s super easy to get started. No matter whether you’re looking for a career or just want to learn coding, learning how to develop for the web is for you. It’s one of the smartest decisions you will ever make!

Web Development Overview

There are two broad divisions of web development – front-end development (also called client-side development) and back-end development (also called server-side development).

Front-end development refers to constructing what a user sees when they load a web application – the content, design and how you interact with it. This is done with three codes – HTML, CSS and JavaScript.

HTML, short for Hyper Text Markup Language, is a special code for 'marking up' text in order to turn it into a web page. Every web page on the net is written in HTML, and it will form the backbone of any web application. CSS, short for Cascading Style Sheets, is a code for setting style rules for the appearance of web pages. CSS handles the cosmetic side of the web. Finally, JavaScript is a scripting language that's widely used to add functionality and interactivity to web pages.

Back-end development controls what goes on behind the scenes of a web application. A back-end often uses a database to generate the front-end.

Here's an example. Say you log into your Facebook account, and you are greeted with the latest updates in your News Feed. They're not going to be the same updates that you saw yesterday.

How did the page change? Did a Facebook employee manually edit the page to update your news feed? Of course not. A script on the Facebook back-end would have received the updates and re-generated the front-end accordingly.

Back-end scripts are written in many different coding languages and frameworks, such as…

- PHP
- Ruby on Rails
- ASP.NET
- Perl
- Java
- Node.js
- Python

Tips for the effective website

Have clear navigation
You want people who visit your site to instantly know what your business is about and where to go to learn about your products or services, find pricing, and contact a representative. If your site is not clear, people will get frustrated and exit out.

Use call to action buttons
Implementing buttons with clear actions will immediately attract the user's eye. This helps you to lead the person to take your desired action.

Make sure your site is loading quickly

People are impatient, and if your site takes even a fraction of a second too long to load, people will give up and look elsewhere. Make sure your web host provider, like Blue host, has fast load times.

Keep it minimal

Avoid overdoing it with the design and definitely don't feel like you need to cover every square inch with information or a design. White space gives clarity. By keeping the look minimal, you can focus attention on the things that you want people to really pay attention to. Keep relevant information and not crowd the website with too much data. The attention span of users is low hence the layout of the content displayed should be kept clean and precise.

INTRODUCTION TO MY WEBSITE

Basically I have created a static website which is related to travelling. This website shows different places to visit and some featured destinations (whose rating is quite good) with their travelling plans which are worthy and exciting according to customers. And there is a travelling gallery which has photos of different places.

STATEMENT OF PROBLEM

The traditional tourism distribution channel faces a threat of the emerging IT environment. Throughout years the travel industry was dependent on the intermediaries, who enabled the interaction between the suppliers and the customers.

The internet allows a wide range of benefits for the companies and the customers, making the information widely available, reducing the difficulties in purchasing, marketing and distribution, allowing the sellers and the buyers to direct transact with each other.

ABOUT

CHAPTER-1

OTA (Online

Travel Agency)

A travel website is a website that is dedicated to travel. The site may be focused on travel reviews, trip fares, or a combination of both. Over 1.5 billion people book travel per year, 70% of which is done online.

The role of an online travel agency (OTA) is becoming increasingly important in the accommodation industry as they provide a convenient way for travelers to arrange their stay. From the comfort of their home, travelers can compare hotel prices and book them over the internet..

An online travel agency (OTA) arranges and sells accommodations, tours, transportation and trips on an online platform for travelers. They are third parties who sell services on behalf of other companies.

Usually, these OTAs offer many benefits with added convenience with more of a self-service approach. They also include a built-in booking system which allows instant bookings..

Advantages Of Online Travel Agency

- Low-cost method of selling accommodation services
- Reduced online marketing spend as OTAs invest in advertising to attract potential customers
- Impartial reviews give customers the confidence to book
- Users can easily compare various accommodation costs at one placerecent achievements, even notifying potential employers of this update if they are considering your resume.

Disadvantages Of Online Travel Agency

- Commission rates are charged on every sale. It can range between 10-15% of the gross cost
- Restrictive cancellation terms
- Even if accommodation businesses use OTAs, the need for their own website and booking engine does not go away
- Investment in a balanced multi-channel strategy may be needed to boost sales

CHAPTER-2

HTML

HTML (HyperText Markup Language) is the most basic building block of the Web. It defines the meaning and structure of web content. Other technologies besides HTML are generally used to describe a web page's appearance/presentation (CSS) or functionality/behavior (JavaScript).

HTML (HyperText Markup Language) is the most essential structure square of the Web. It characterizes the importance and structure of web content. Different advances other than HTML are commonly used to depict a site page's appearance/introduction (CSS) or usefulness/conduct (JavaScript).

"Hypertext" alludes to joins that associate site pages to each other, either inside a solitary site or between sites. Connections are a crucial part of the Web. By transferring substance to the Internet and connecting it to pages made by others, you become a functioning member in the World Wide Web.
HTML uses "markup" to annotate text, images, and other content for display in a Web browser. HTML markup includes special "elements" such as <head>, <title>, <body>, <header>, <footer>, <article>, <section>, <p>, , , <img>, <aside>, <audio>, <canvas>, <datalist>, <details>, <embed>, <nav>, <output>, <progress>, <video>, <ul>, <ol>, <li> and many others.

A HTML component is set off from other content in a record by "tags", which comprise of the component name encompassed by "<" and ">". The name of a component inside a tag is case unfeeling. That is, it tends to be written in capitalized, lowercase, or a blend. For instance, the <title> tag can be composed as <Title>, <TITLE>, or in some other way.

CHAPTER-3

BOOTSTRAP

Bootstrap is a free and open-source CSS structure coordinated at responsive, versatile first front-end web advancement. It contains CSS-and (alternatively) JavaScript-based plan formats for typography, structures, catches, route, and other interface parts.
Bootstrap is the seventh-most-featured venture on GitHub, with more than

142,000 stars, behind freeCodeCamp (right around 312,000 stars) and hardly behind Vue.js system. As indicated by Alexa Rank, Bootstrap is in the best 2000 in the USA while vuejs.org is in the main 7000 in the USA.

BootstrapCDN

At the point when you just need to incorporate Bootstrap's arranged CSS or JS, you can utilize BootstrapCDN.

```
<!-- CSS only -->
<link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.0/css/bootstrap.min.css"
integrity="sha384-
9aIt2nRpC12Uk9gS9baDl411NQApFmC26EwAOH8WgZl5MYYxFfc+NcPb1dKGj7Sk"
crossorigin="anonymous">
```

CHAPTER-4

CSS

Falling Style Sheets (CSS) is a template language used to depict the introduction of an archive written in HTML or XML (counting XML vernaculars, for example, SVG, MathML or XHTML). CSS depicts how components ought to be delivered on screen, on paper, in discourse, or on other media.

CSS is one of the center dialects of the open Web and is normalized across Web programs as indicated by the W3C detail. Beforehand improvement of different pieces of CSS particular was done simultaneously, which permitted forming of the most recent suggestion. You may have found out about CSS1, CSS2.1, CSS3. Notwithstanding, CSS4 has never become an official rendition.

From CSS3, the extent of the particular expanded fundamentally and the advancement on various CSS modules began to vary so a lot, that it turned out to be more successful to create and deliver suggestions independently per module. Rather than forming the CSS detail, W3C now occasionally takes a preview of the most recent stable condition of the CSS determination.

CHAPTER-5

Brackets

Brackets are a lightweight, yet incredible, present day content manager. We mix visual apparatuses into the proofreader so you get the perfect measure of help when you need it without hindering your imaginative cycle. You'll appreciate composing code in Brackets.

Inline Editors

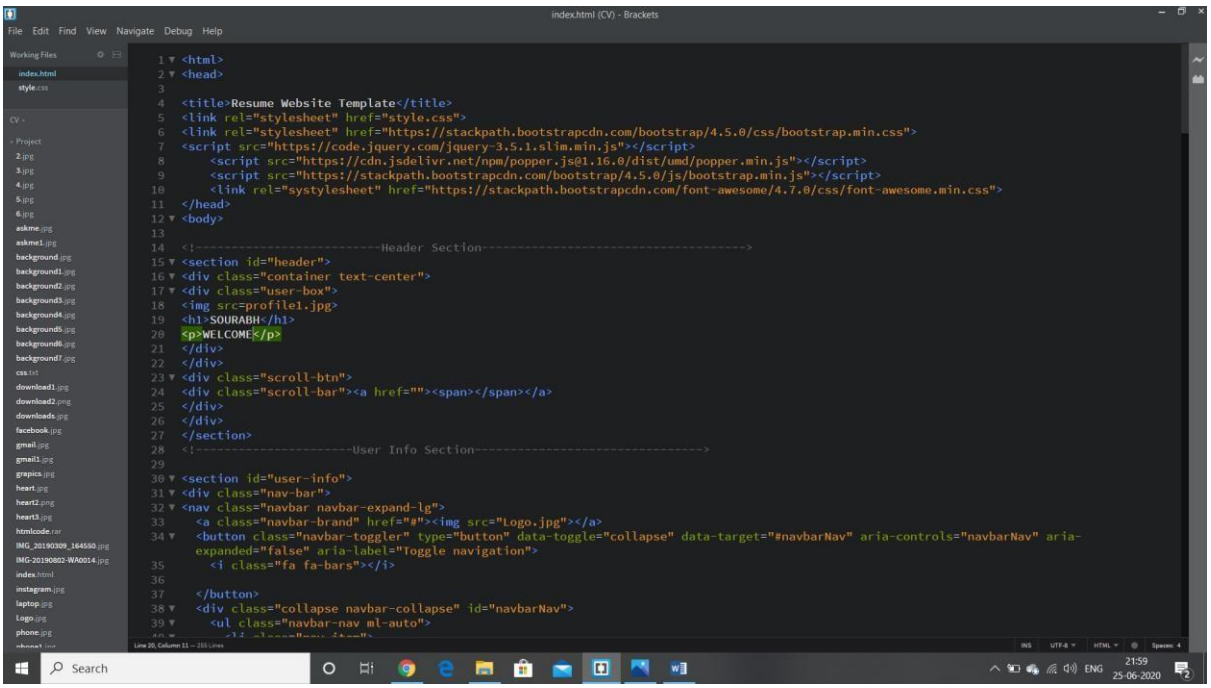
Rather than bouncing between record tabs, Brackets lets you open a window into the code you care about most. Need to deal with the CSS that applies to a particular ID? Put your mouse cursor on that ID, push Command/Ctrl+E and Brackets will give you all the CSS selectors with that ID in an inline window so you can take a shot at your code next to each other with no popups.

Live Preview

Get a constant association with your program. Make changes to CSS and HTML and you'll in a split second observe those progressions on screen. Additionally observe where your CSS selector is being applied in the program by just putting your cursor on it. It's the intensity of a code proofreader with the comfort of in-program dev apparatuses.

Pre-processor Support

Work with pre-processors in an entirely different manner. We know how significant pre-processors are to your work process. That is the reason we need to make Brackets the best code proofreader for pre-processors out there. With Brackets you can utilize Quick Edit and Live Highlight with your LESS and SCSS documents which will make working with them simpler than at any other time.


index.html (CV) - Brackets
File Edit Find View Navigate Debug Help
Working Files
index.html
style.css
CV -
Project
2.jpg
3.jpg
4.jpg
5.jpg
6.jpg
askme.jpg
askme1.jpg
background.jpg
background1.jpg
background2.jpg
background3.jpg
background4.jpg
background5.jpg
background6.jpg
background7.jpg
css.txt
download1.jpg
download2.png
downloads.jpg
facebook.jpg
gmail.jpg
gmail1.jpg
grapics.jpg
heart.jpg
heart2.png
heart3.jpg
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IMG-20190802-WA0014.jpg
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instagram.jpg
laptop.jpg
Logo.jpg
phone.jpg
<html>
<head>
<title>Resume Website Template</title>
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<link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.0/css/bootstrap.min.css">
<script src="https://code.jquery.com/jquery-3.5.1.slim.min.js"></script>
<script src="https://cdn.jsdelivr.net/npm/popper.js@1.16.0/dist/umd/popper.min.js"></script>
<script src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.0/js/bootstrap.min.js"></script>
<link rel="systylesheet" href="https://stackpath.bootstrapcdn.com/font-awesome/4.7.0/css/font-awesome.min.css">
</head>
<body>
<!-------------------------Header Section----------------------------------->
<section id="header">

<img src=profile1.jpg>
<h1>SOURABH</h1>
WELCOME

<a href=""></a>

</section>
<!---------------------User Info Section------------------------------>
<section id="user-info">

<nav class="navbar navbar-expand-lg">
<a class="navbar-brand" href="#"><img src="Logo.jpg"></a>
<button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarNav" aria-controls="navbarNav" aria-expanded="false" aria-label="Toggle navigation">

</button>

<ul class="navbar-nav ml-auto">
Search
ENG
21:59
25-06-2020

SOFTWARE REQUIREMENTS SPECIFICATION

SOFTWARE REQUIREMENTS:

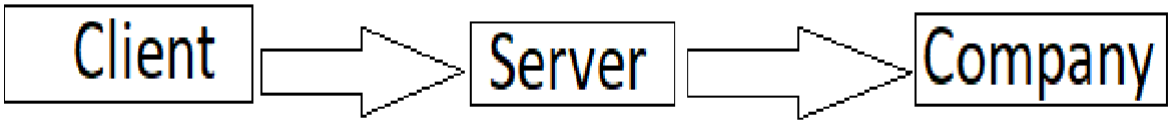
- Operating System: Windows
- Software Tool used: HTML, CSS, Brackets
- Documentation: GOOGLE FOR HOSTING FOR WEBSITE

HARDWARE REQUIREMENTS:

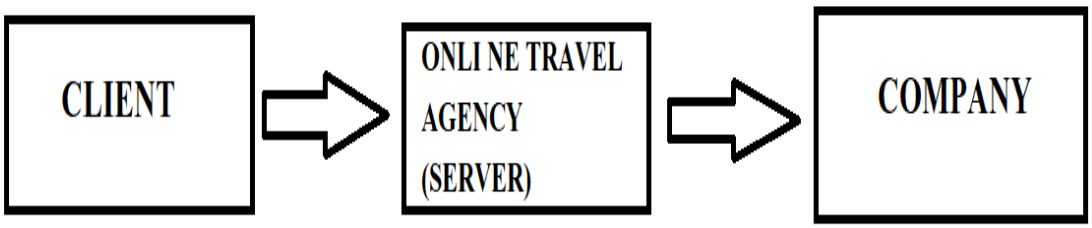
- NO SUCH HARDWARE ARE REQUIRE FOR WEB DEVELOPING
- Processor: Intel core processor for better performance.
- Memory: 1GB or more.
- Hard disk: minimum 10 GB for future usage.

DATA FLOW DIAGRAM

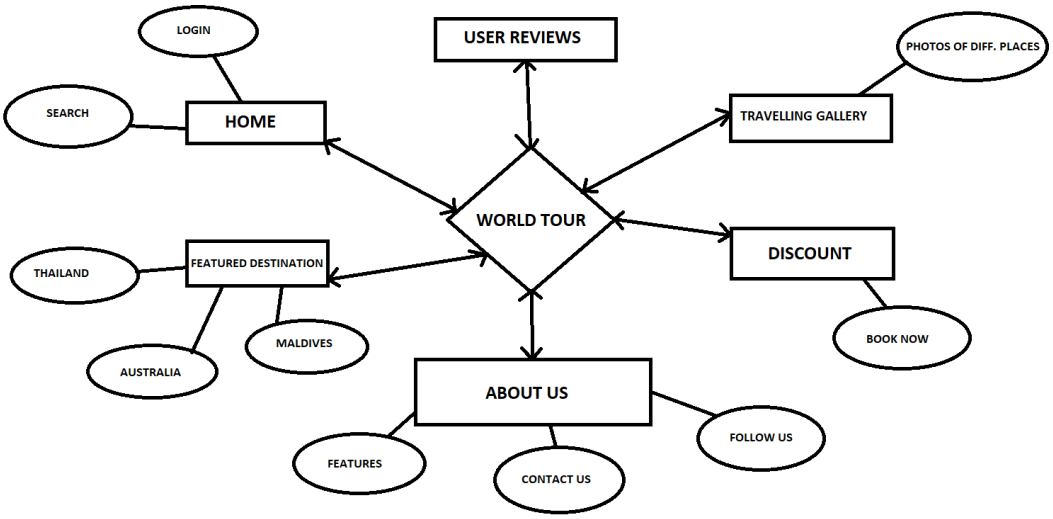
CONTEXT FLOW DAIGRAM



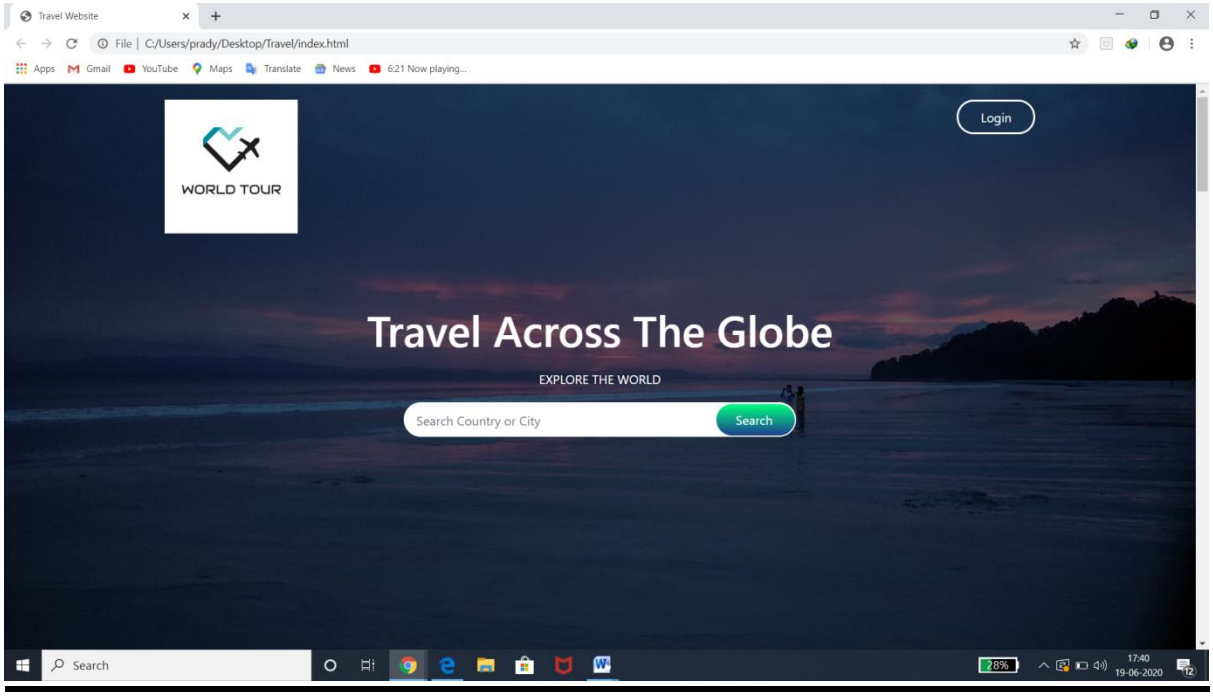
LEVEL 1 DFD

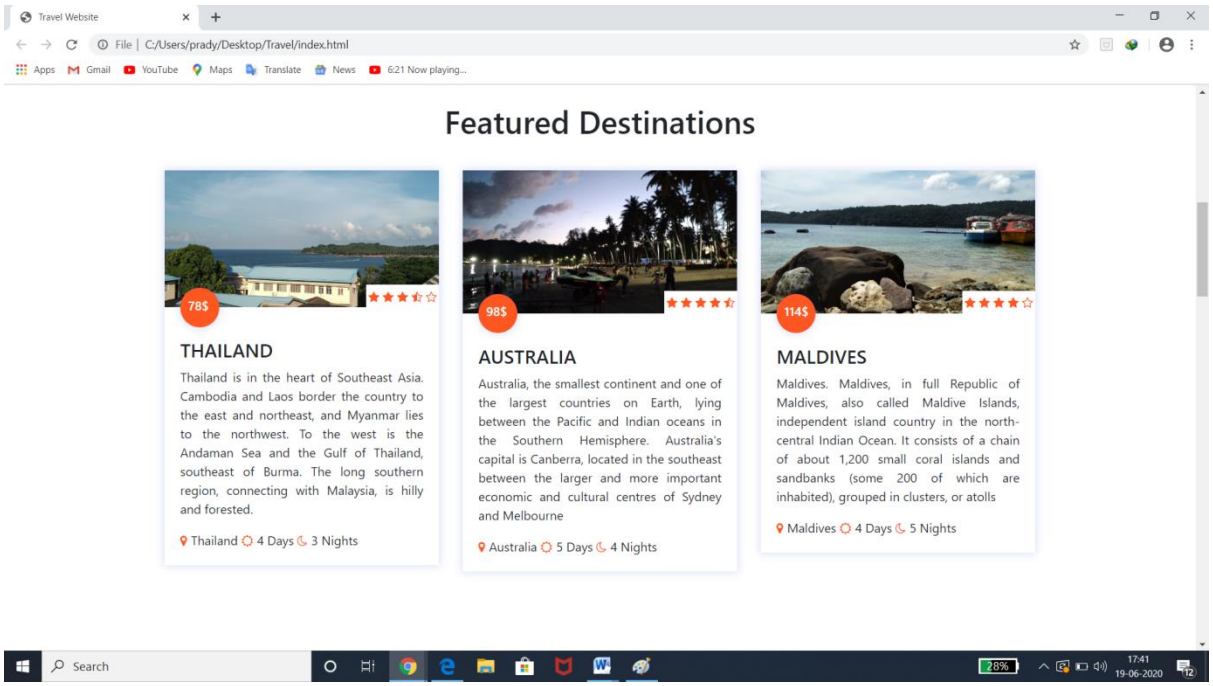


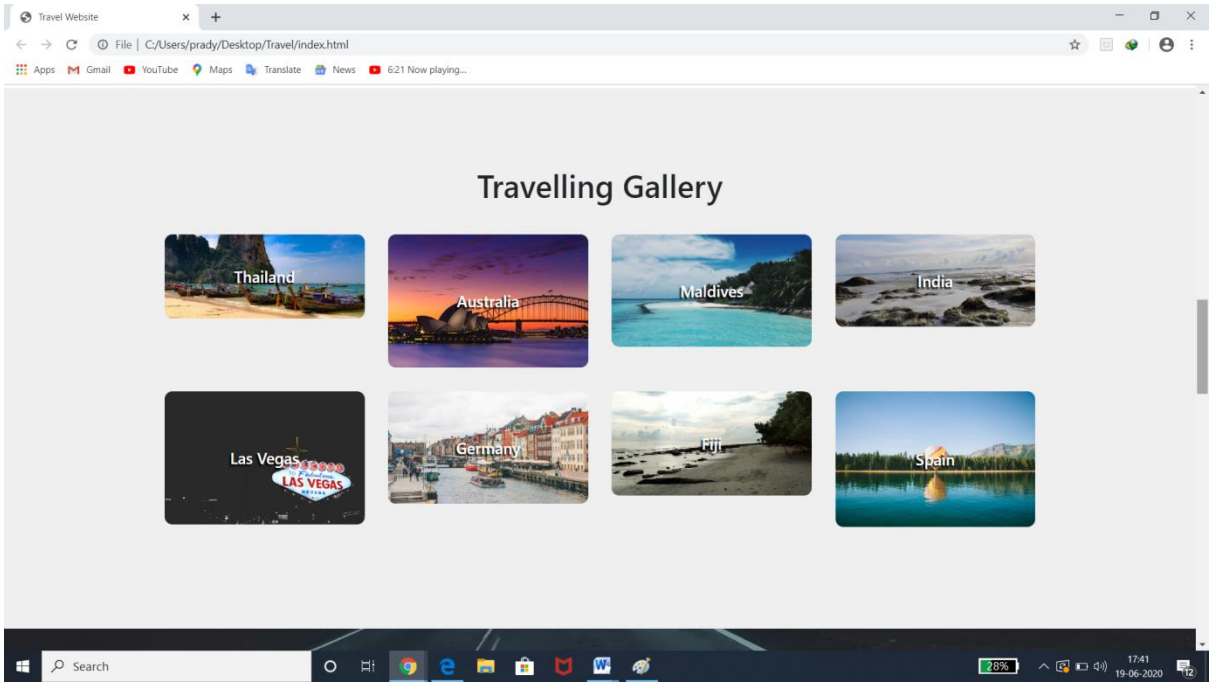
ENTITY RELATIONSHIP DIAGRAM



SNAPSHOTS


Travel Website
File | C:/Users/prady/Desktop/Travel/index.html
Apps Gmail YouTube Maps Translate News 6:21 Now playing...
WORLD TOUR
Login
Travel Across The Globe
EXPLORE THE WORLD
Search Country or City
Search
Search
28%
17:40
19-06-2020


Travel Website
File | C:/Users/prady/Desktop/Travel/index.html
Apps Gmail YouTube Maps Translate News 6:21 Now playing...
Featured Destinations
78$
THAILAND
Thailand is in the heart of Southeast Asia. Cambodia and Laos border the country to the east and northeast, and Myanmar lies to the northwest. To the west is the Andaman Sea and the Gulf of Thailand, southeast of Burma. The long southern region, connecting with Malaysia, is hilly and forested.
Thailand 4 Days 3 Nights
98$
AUSTRALIA
Australia, the smallest continent and one of the largest countries on Earth, lying between the Pacific and Indian oceans in the Southern Hemisphere. Australia's capital is Canberra, located in the southeast between the larger and more important economic and cultural centres of Sydney and Melbourne
Australia 5 Days 4 Nights
114$
MALDIVES
Maldives. Maldives, in full Republic of Maldives, also called Maldive Islands, independent island country in the north-central Indian Ocean. It consists of a chain of about 1,200 small coral islands and sandbanks (some 200 of which are inhabited), grouped in clusters, or atolls
Maldives 4 Days 5 Nights
Search
28%
17:41
19-06-2020


Travel Website
File | C:/Users/prady/Desktop/Travel/index.html
Apps Gmail YouTube Maps Translate News 6:21 Now playing...
Travelling Gallery
Thailand
Australia
Maldives
India
Las Vegas
LAS VEGAS
Germany
Fiji
Spain
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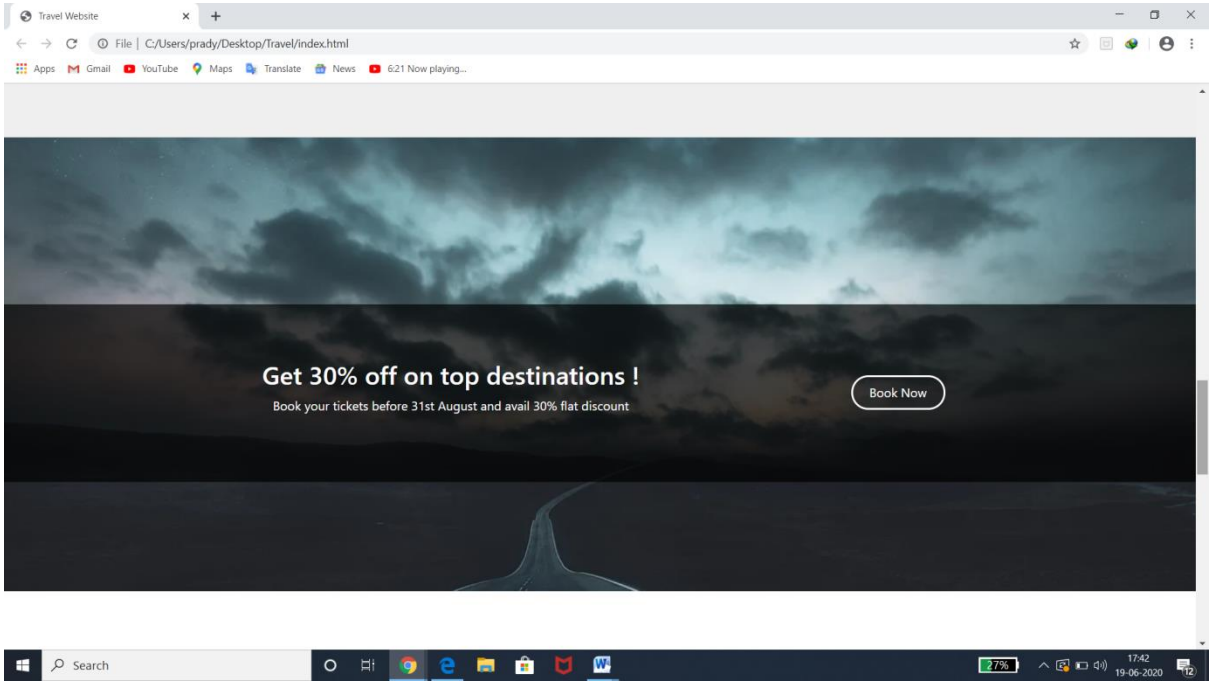
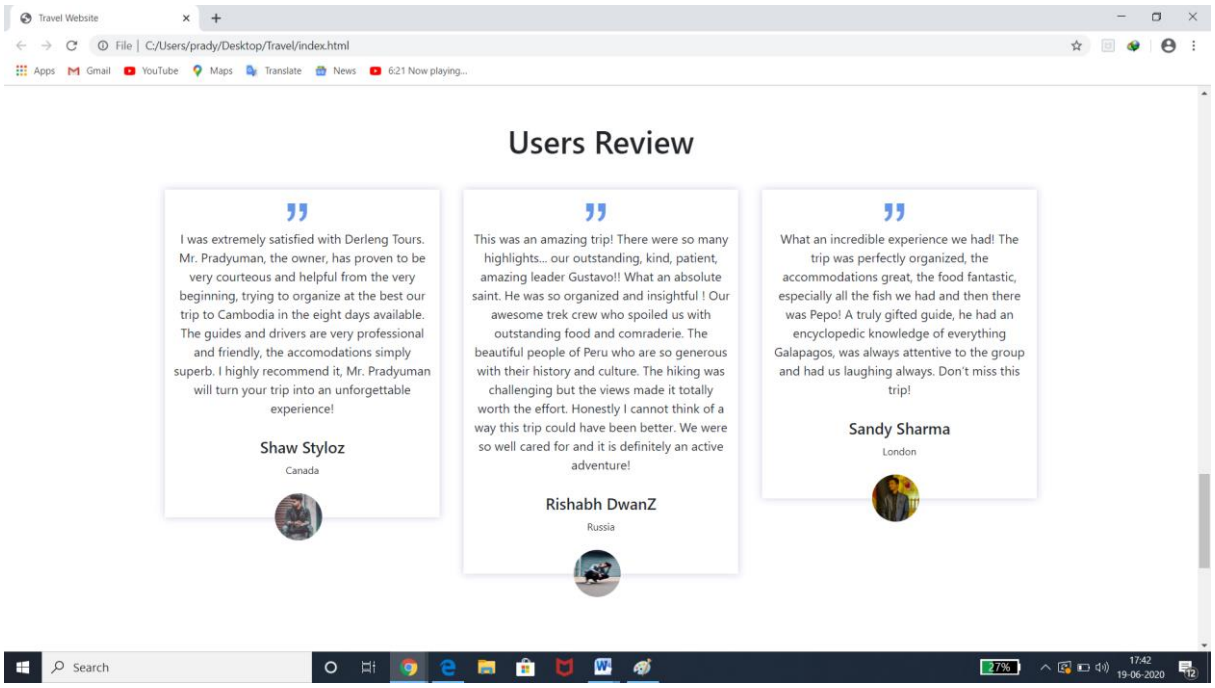
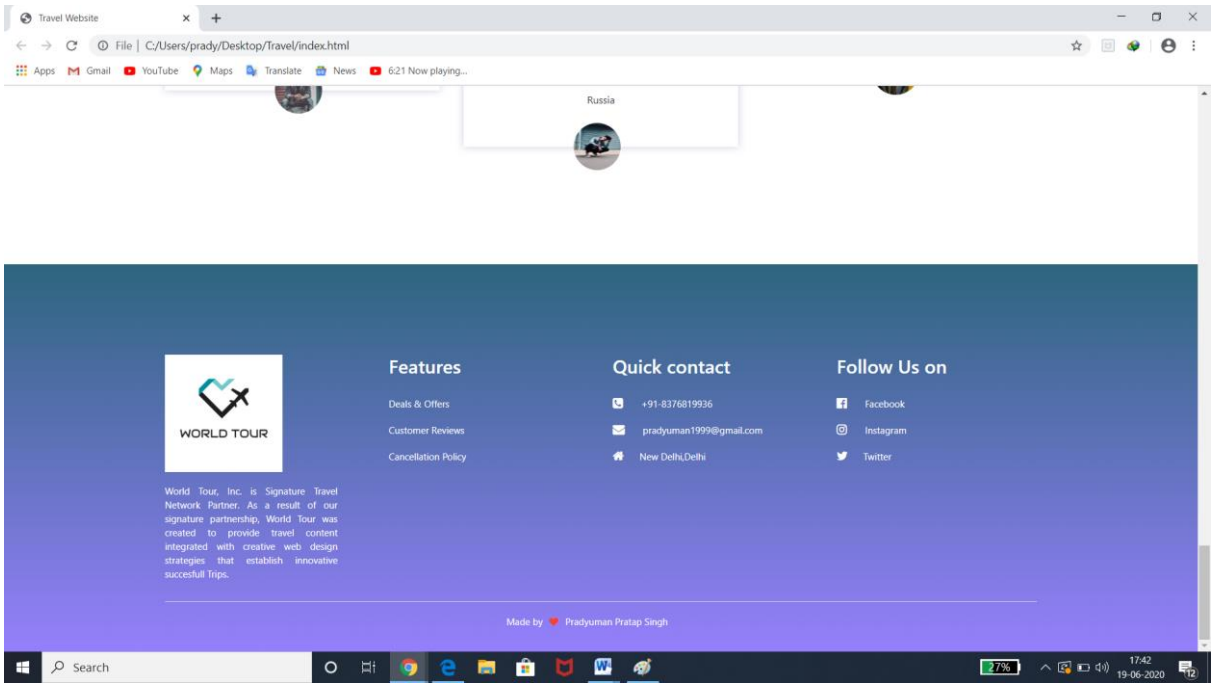
17:41
19-06-2020


Travel Website
File | C:/Users/prady/Desktop/Travel/index.html
Apps Gmail YouTube Maps Translate News 6:21 Now playing...
Get 30% off on top destinations !
Book your tickets before 31st August and avail 30% flat discount
Book Now
Search
27%
17:42
19-06-2020


Travel Website
File | C:/Users/prady/Desktop/Travel/index.html
Apps Gmail YouTube Maps Translate News 6:21 Now playing...
Users Review
I was extremely satisfied with Derleng Tours. Mr. Pradyuman, the owner, has proven to be very courteous and helpful from the very beginning, trying to organize at the best our trip to Cambodia in the eight days available. The guides and drivers are very professional and friendly, the accomodations simply superb. I highly recommend it, Mr. Pradyuman will turn your trip into an unforgettable experience!
Shaw Styloz
Canada
This was an amazing trip! There were so many highlights... our outstanding, kind, patient, amazing leader Gustavo!! What an absolute saint. He was so organized and insightful ! Our awesome trek crew who spoiled us with outstanding food and comraderie. The beautiful people of Peru who are so generous with their history and culture. The hiking was challenging but the views made it totally worth the effort. Honestly I cannot think of a way this trip could have been better. We were so well cared for and it is definitely an active adventure!
Rishabh DwanZ
Russia
What an incredible experience we had! The trip was perfectly organized, the accommodations great, the food fantastic, especially all the fish we had and then there was Pepo! A truly gifted guide, he had an encyclopedic knowledge of everything Galapagos, was always attentive to the group and had us laughing always. Don't miss this trip!
Sandy Sharma
London
Search
27%
17:42
19-06-2020


Travel Website
File | C:/Users/prady/Desktop/Travel/index.html
Apps Gmail YouTube Maps Translate News 6:21 Now playing...
Russia
WORLD TOUR
World Tour, Inc. is Signature Travel Network Partner. As a result of our signature partnership, World Tour was created to provide travel content integrated with creative web design strategies that establish innovative succesfull Trips.
Features
Deals & Offers
Customer Reviews
Cancellation Policy
Quick contact
+91-8376819936
pradyuman1999@gmail.com
New Delhi,Delhi
Follow Us on
Facebook
Instagram
Twitter
Made by Pradyuman Pratap Singh
Search
27%
17:42
19-06-2020

LIMITATIONS OF THE PROJECT

• **Internet Reliance** – The one blemish with the web is it isn't all over the place yet. On the off chance that your web goes down or you happen to be in a territory that has not been associated at this point you won't have the option to get to your web application.

• **Security** – There is no rejecting that your information is less secure when it's in the cloud, particularly when clients from everywhere the world are getting to a similar worker facilitated by a third gathering. In spite of the fact that there are approaches to lessen your danger, email encryption and SSL authorization for secure HTTPS access are only two models.

• **Reduced speed** – A web application will likely be more slow than an application facilitated on your organization's worker. You have to choose if a slight decrease in speed merits the overall access.

• **Browser Support** – Unfortunately, we don't all utilization one form of a program since we are given a decision. This implies you should ensure your web application is upheld across different programs and for different screen sizes.

FUTURE SCOPE OF THE PROJECT

There has been a huge increase in the number of websites that are being created. More and more clients are feeling the need for an online presence for their need. The future is ripe for web development as a field and if you are planning to make a career in it, now's the time.

CONCLUSION

This project will help the Travelling firm to promote their business online and gain more user as well as help the users to directly access the widely available information.

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