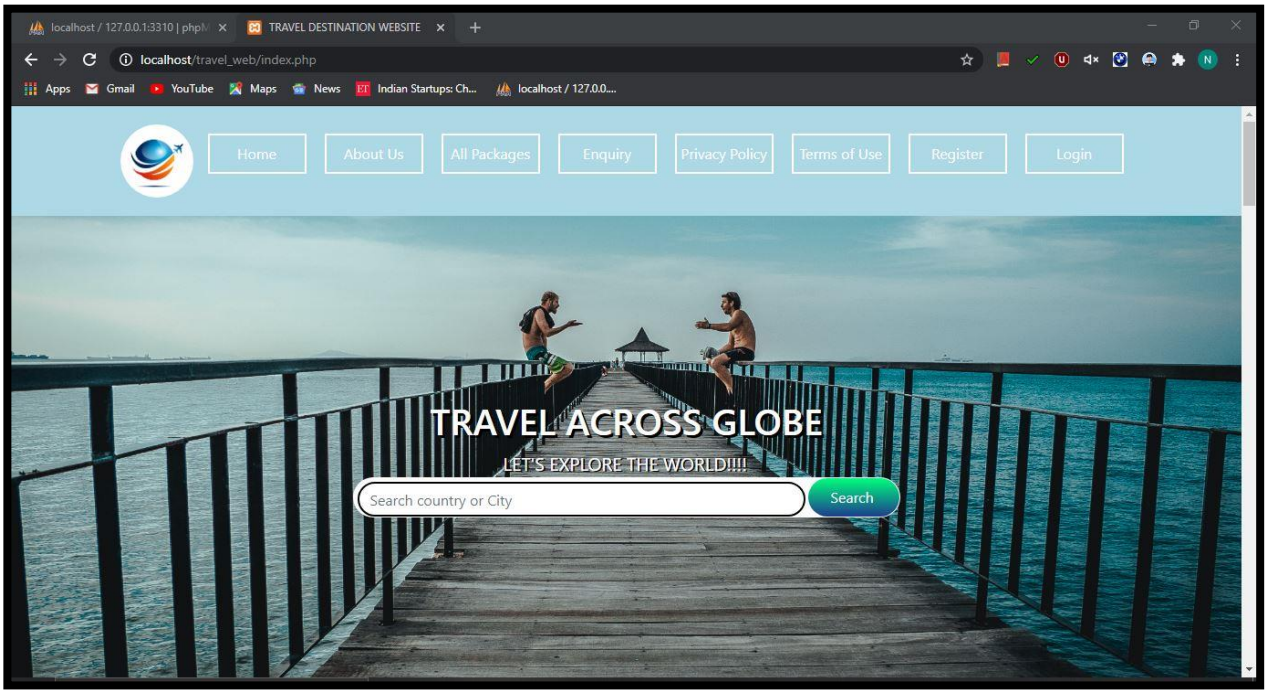
MANJARA CHARITABLE TRUST
RAJIV GANDHI INSTITUTE OF TECHNOLOGY
(Permanently Affiliated to University of Mumbai)
Department of Computer Engineering

MINI-PROJECT REPORT (WEB DESIGN LAB)

TITLE:-TRAVEL DESTINATION WEBSITE



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A Project Report

on

‘Travel Destination Website’

By

1. **Aryan Jain-A540**
2. **Dhruv Jain-A541**
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under the guidance of

Dr. Sharmila Gaikwad

MANJARA CHARITABLE TRUST
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CERTIFICATE

This is to certify that

1. Aryan Jain-A540
2. Dhruv Jain-A541
3. Naitik Jain-A542

Have satisfactory completed this project entitled

'Travel Destination Website'

Towards the complete fulfilment of the BACHELOR OF ENGINEERING IN (COMPUTER ENGINEERING) as

Laid by University of Mumbai.

Guide	**Head of Department**
Dr. Sharmila Gaikwad	**Prof Sunil Khachane.**
Internal Examiner	**External Examiner**

Declaration

We wish to state that the work embodied in this synopsis titled "**Travel Destination Website**" forms our own contribution to the work carried out under the guidance of "**Dr.Sharmila Gaikwad**" at the Rajiv Gandhi Institute of Technology.

We declare that this written submission represents our ideas in our own words and where others' ideas or words have been included, we have adequately cited and referenced the original sources. We also declare that we have adhered to all principles of academic honesty and integrity and have not misrepresented or fabricated or falsified any idea/data/fact/source in our submission. We understand that any violation of the above will be cause for disciplinary action by the Institute and can also evoke penal action from the sources which have thus not been properly cited or from whom proper permission has not been taken when needed.

Name and roll No's of the students

1. Aryan Jain -A540
2. Dhruv Jain-A541
3. Naitik Jain-A542

Acknowledgement

We wish to express our sincere gratitude to Dr. Sanjay U Bokade, Principal and Prof. Sunil Khachane, H.O.D of Computer Department of Rajiv Gandhi Institute of Technology for providing us an opportunity to do our project work on "Travel Destination Website ".

This project bears on imprint of many peoples. We sincerely thank our project guide Prof. Sharmila Gaikwad for his/her guidance and encouragement in carrying out this synopsis work.

Finally, we would like to thank our colleagues and friends who helped us in completing the Project (Synopsis) work successfully.

Aryan Jain-A540

Dhruv Jain-A541

Naitik Jain-A542

Abstract Idea of the Mini-Project:-

The title of the project is Travel Destination Website. It is basically a travel website like any other travel website with various features on the internet. It is basically a website in which the visitor of this website can register him/her by filling up the registration form by clicking on register button on home page, further the user can login through login page. The website gives information of famous tourist destinations, its rating, and expense. It also has a travelling gallery of various tourist destinations; on hovering it shows famous tourist places of that particular destination.

It also has a User's review section on home page ie.index.php; the visitor can see the reviews of the different users of the website. The website also provides booking of various tourist packages via booking form and payment form. The visitor can see different tourist available packages by clicking on All Packages Button on the home page. Further it shows available package details of packages and the user can book the package by clicking on book button or book now button on home page. The website also gives information about its TOC, Privacy Policy, and About Us via buttons in header on home page. The header also has a logo of the website which on clicking redirects to home page. It also has footer at the end of the home page which describes features, Contact, social media sites and a logo at the extreme left.

In short, it provides a wonderful experience of various tourist destinations to the visitor/user through this website.

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1. Introduction

1.1) Introduction:-

- Basically this is a website to get information about the best tourist destination around the world.
- Here website will also provide you full fledge functionally to book your tour with user friendly experience of the website.
- Registration, Login and Logout functionality is also available to give you the best experience.
- Here website will give you full flexibility to choose your time and date of tour.

1.2) Some functions of website:-

- Once the user gets registered, his username and password are saved in mySQl at backend. When where next time he will enter username and password it will get authorised by the website.
- Website also provide functionality of resetting password once you get login into your account.
- Various tour packages are available to choose from all package page.
- Payment gateway(dummy) with credit card, debit card and net backing is available on the website.
- Enquiry page is also available where you can enter your name, email id phone number and your enquiry in the text field.

1.3) Implementation:-

- HTML is used to create the structure of a website and designing is done by using CSS.
- JavaScript is used to give user friendly experience like whenever some user will hover mouse on image it will full detail about that place.
- Php is used for backend coding to provide user hassle free connectivity of website with the server.

- Xampp is local host server which runs server on local machine, it is used to test site before hosting it on internet
- Bootstrap is a library of CSS, it is used to make the site look clean and more natural.

2. Languages used in website

2.1) HTML/CSS:-

1. HTML

- HTML is the **language in which most websites are written**. HTML is used to create pages and make them functional.
- A **Mark-up Language** is a way that computers speak to each other to control how text is processed and presented.
- HTML in a website gives structure to the website.

2. CSS

- **CSS** stands for **C**ascading **S**tyle **S**heets.
- CSS describes *how HTML elements are to be displayed on screen, paper, or in other media.*
- CSS saves a lot of work. It can control the layout of multiple web pages all at once.
- External stylesheets are stored in CSS files.

2.2) a. jQuery

- jQuery is a lightweight, "write less, do more", JavaScript library.
- The purpose of jQuery is to make it much easier to use JavaScript on your website.
- jQuery takes a lot of common tasks that require many lines of JavaScript code to accomplish, and wraps them into methods that you can call with a single line of code.
- Query also simplifies a lot of the complicated things from JavaScript, like AJAX calls and DOM manipulation.

b. Bootstrap

- Bootstrap is a free front-end framework for faster and easier web development
- Bootstrap includes HTML and CSS based design templates for typography, forms, buttons, tables, navigation, modals, image carousels and many other, as well as optional JavaScript plugins
- Bootstrap also gives you the ability to easily create responsive designs

2.3) PHP:-

- PHP is an acronym for "PHP: Hypertext Pre-processor"
- PHP is a widely-used, open source scripting language
- PHP scripts are executed on the server
- It is deep enough to run the largest social network
- PHP code is executed on the server, and the result is returned to the browser as plain HTML.
- PHP can generate dynamic page content
- PHP can create, open, read, write, delete, and close files on the server
- PHP can collect form data
- PHP can send and receive cookies
- PHP can add, delete, modify data in your database
- PHP can be used to control user-access
- PHP can encrypt data

2.4) Java script

JavaScript is the world's most popular programming language. JavaScript is the programming language of the Web. JavaScript helps you create really beautiful and crazy fast websites. You can develop your website with a console like look and feel and give your users the best Graphical User Experience.

3. Software used in website

3.1 XAMPP Server

XAMPP is installed as a software bundle and stands for "Windows, Apache, MySQL, and PHP."XAMPP is often used for web, development and internal testing, it also can be used for serving live websites.

Xampp Server is available freely in two versions that are 32 and 64 bits. Keep in mind that Xampp server 2.5 is not compatible with Windows XP, SP3, and Windows Server 2003.
Its older versions are available on Source Forge.

Now, visually, a brief description of downloading and installation of XAMPP server, from sources where I have used is shown below step by step.

i. Go to http://www.xamppserver.com/, website

ii. Click the download label

Select XAMPP SERVER (32 BITS & PHP 5.5) 2.5 OR XAMPP SERVER (64 BITS & PHP 5.5) 2.5 according to requirement

In my case XAMPP SERVER (64 BITS & PHP 5.5) 2.5

- Installation of Visual Studio 2012 VC 11 is compulsory here. For this purpose go to http://www.microsoft.com

Or simply click on http://www.microsoft.com/enus/download/details.aspx, it is also shown in figure.

Windows Server:

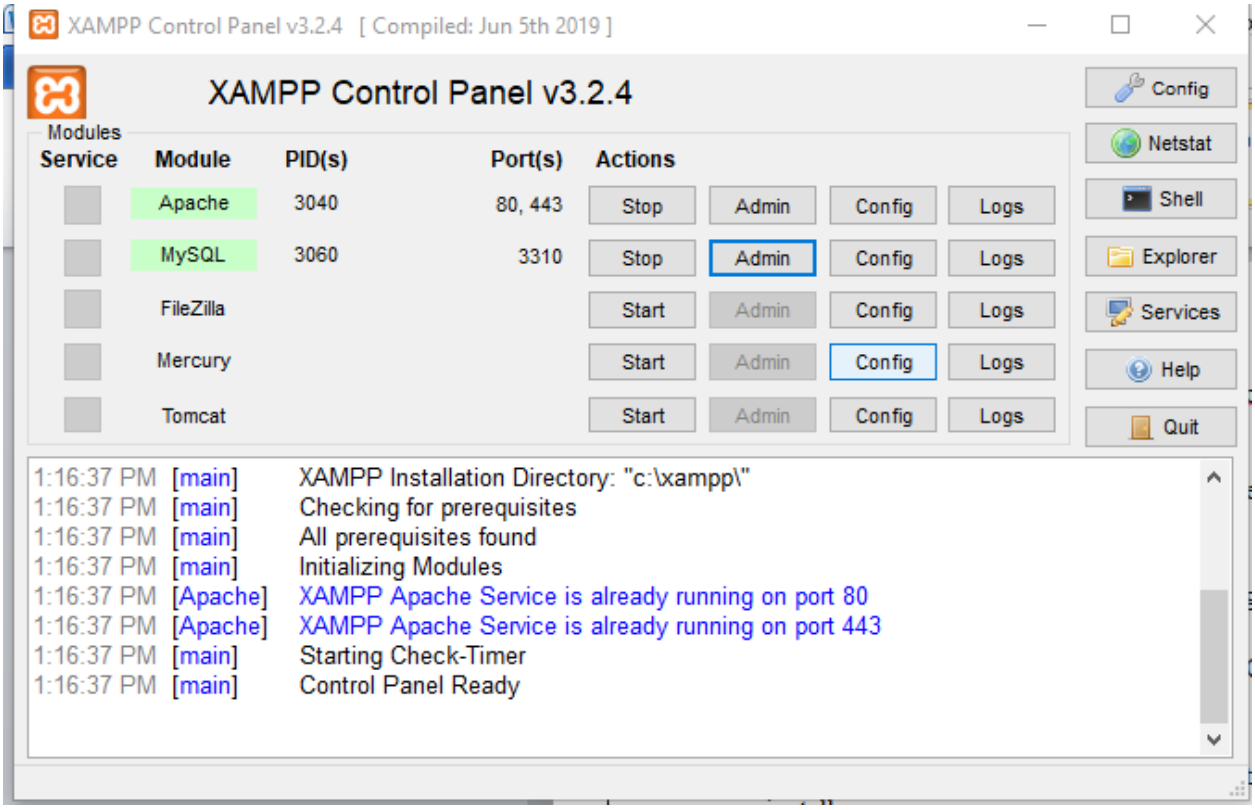
It is a brand name for a group of server operating systems which is released by Microsoft. The first Windows server edition to be released with that brand was Windows Server 2003. However, the first server edition of Windows was Windows NT 3.1 advanced server that followed by three Servers (Windows NT 3.5 Server, Windows NT 4.0 Server, and Windows 2000 Server); the latter was the first server edition to feature many things like Active Directory, DNS Server, DHCP Server, Group Policy, and many other popular features used today. Written in C, C++ and assembly.

APACHE:

The Apache HTTP Server, informally called Apache, is the world's most popular web server software that in 2009 it became the first web server software to serve more than 100 million websites. The Apache development began in early 1995 and originally based on the NCSA HTTP server. Apache is developed and maintained by an open community of developers under the patronage of the Apache Software Foundation. Mostly used on a Unix-like system, the software is also available for a vast variety of operating systems, including Microsoft Windows, Open VMS, eComStation, NetWare and TPF.

Apache is open source software, as on November 2015, it was estimated to serve 50% of all active websites and 37% of the top servers across all domains. The released version of Apache is shown below.

Version	Initial release	Latest release
1.3	1998-06-06	2010-02-03 (1.3.42)
2.0	2002-04-06	2013-07-10 (2.0.65)
2.2	2005-12-01	2015-07-17 (2.2.31)
2.4	2012-02-21	2015-10-13 (2.4.17)



3.2/3.3 phpMyAdmin/MySQL

SQL stands for Structured Query Language. MySQL is an open source Relational Database

Management System (RDBMS); it is a popular database for use in web applications, and is a

central part of the greatly used LAMP (Linux, Apache, MySQL, Perl/PHP/Python) opensource

web application software stack.

MySQL is used by many applications like, WordPress, Joomla, TYPO3, Drupal, MyBB, phpBB,

MODX and other software. Numerous large scale websites including Google, YouTube,

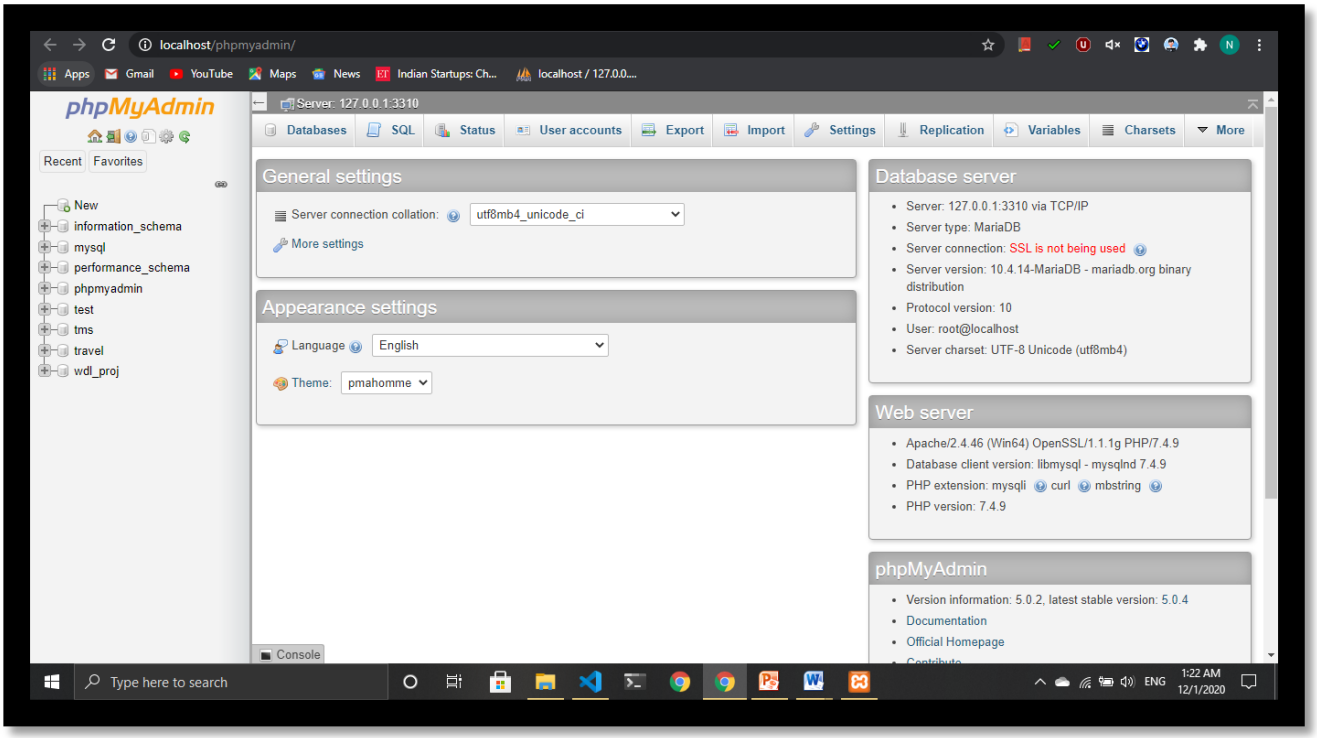
Facebook, Twitter, and Flickr are also using MySQL.

On all platforms excluding Windows, MySQL sends with no GUI (Graphical User Interface) to

administer MySQL databases or managing the data held within the databases. Users may install

MySQL Workbench by downloading separately or simply may use the command line tools.

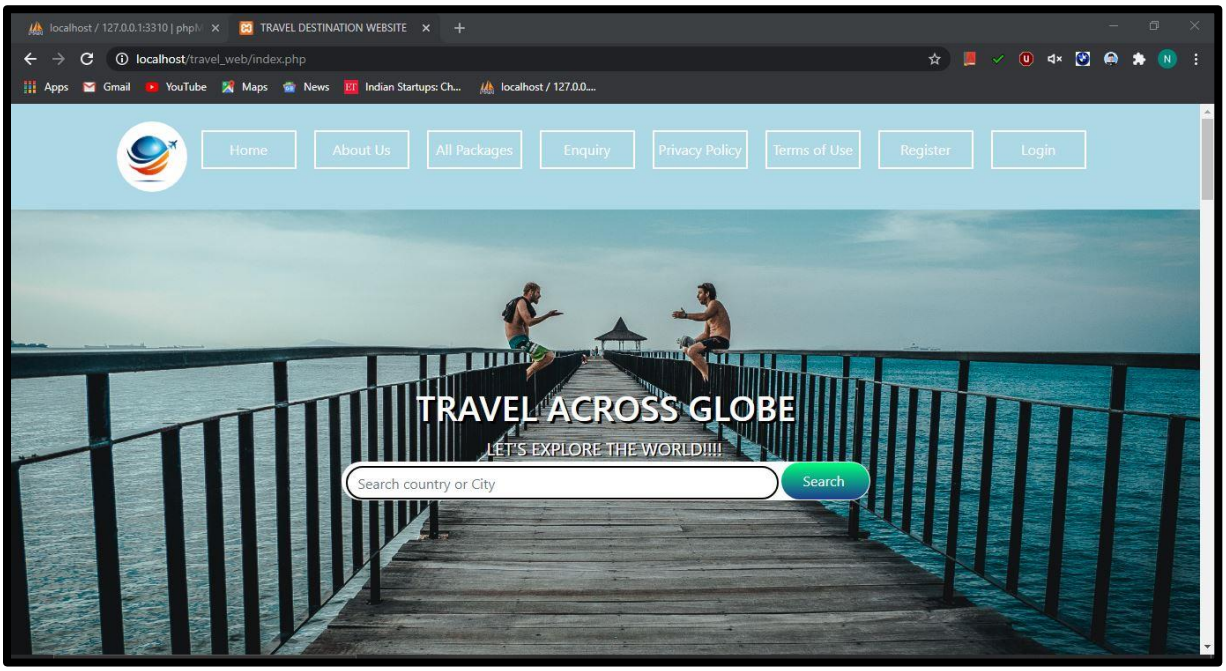
Numbers of third party GUI tools are also available.



4. Features of website

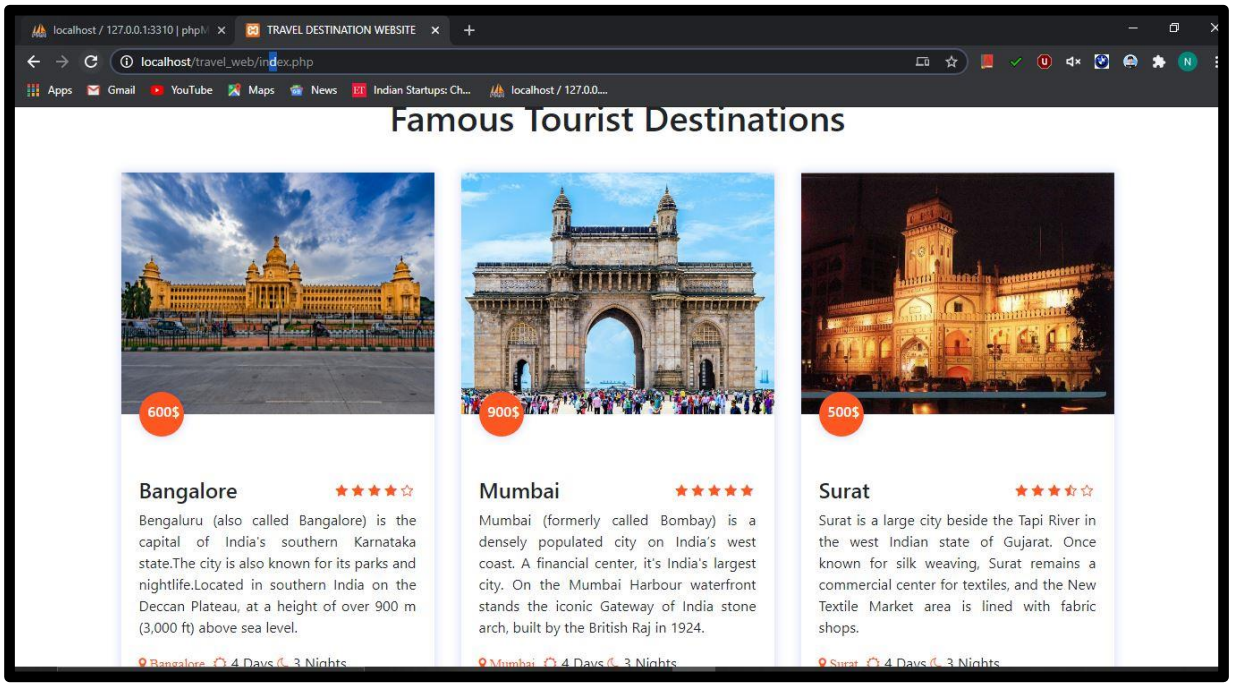
1.) Various pages

- **Main page/Home page**

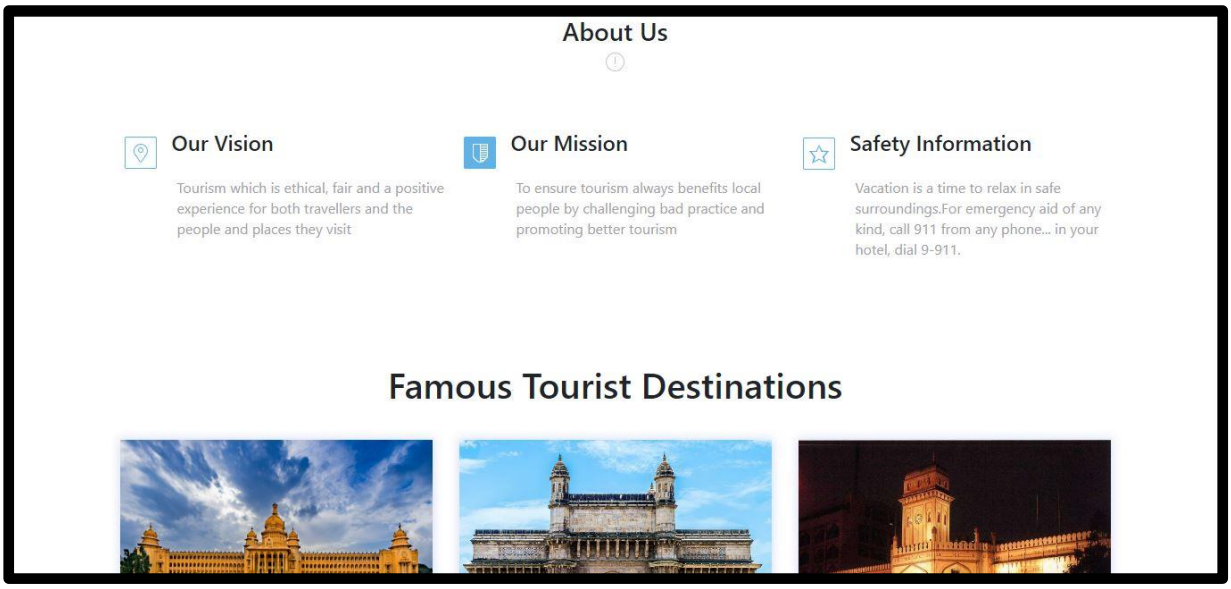


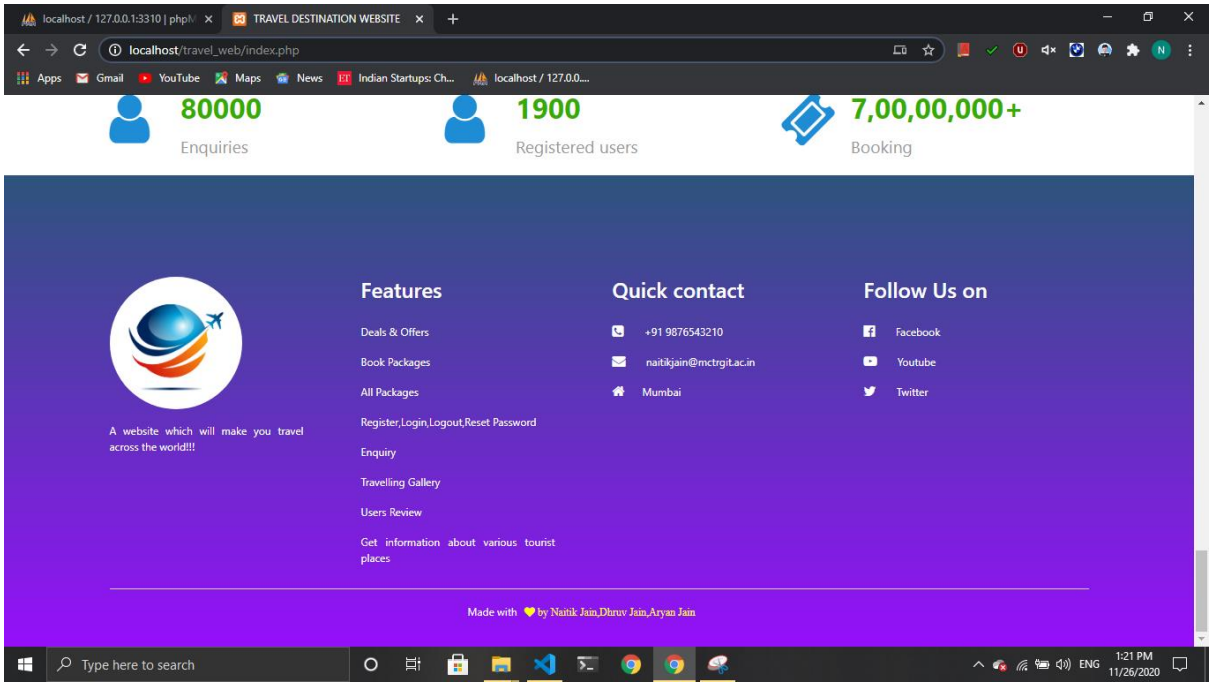
Header and navigation bar

a.Main body

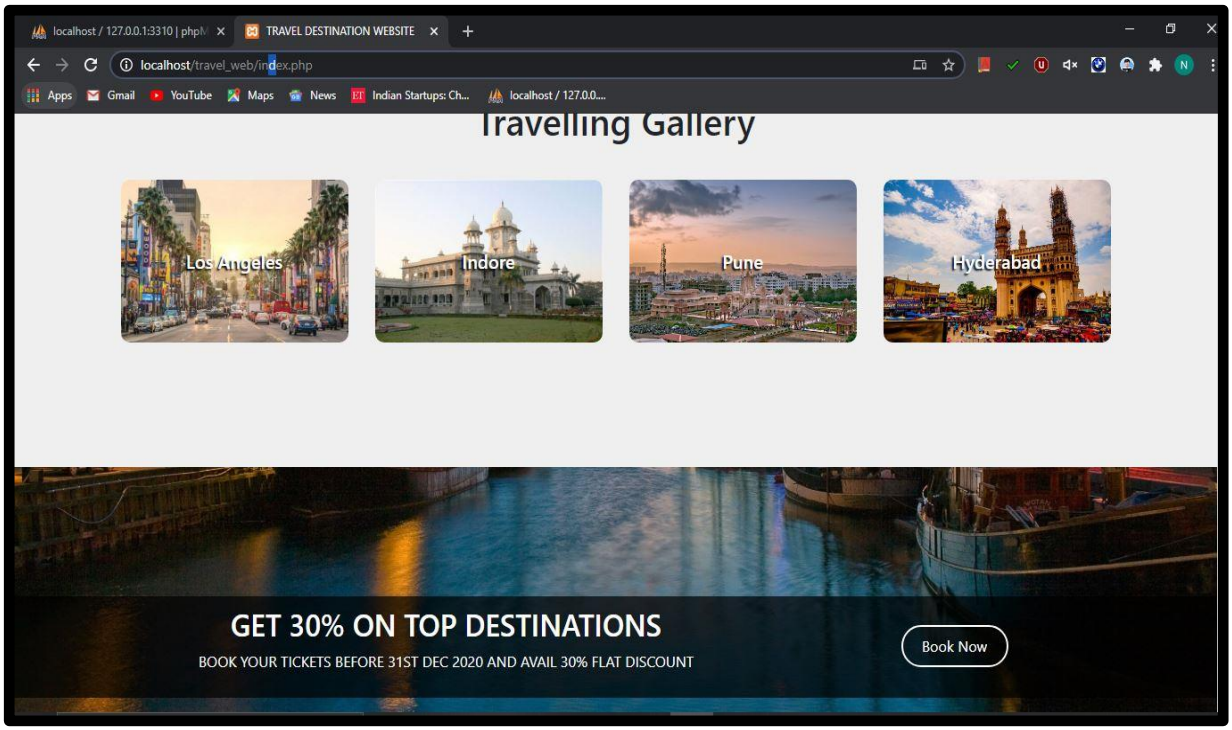


B.Main body

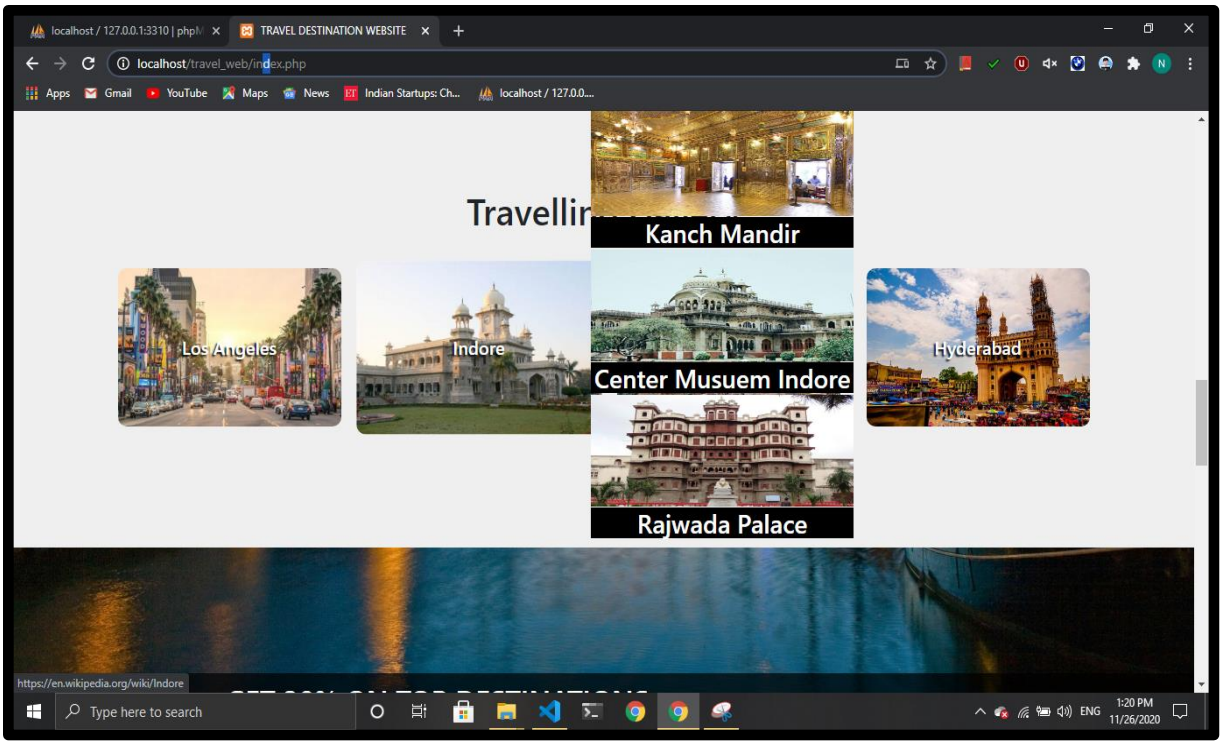




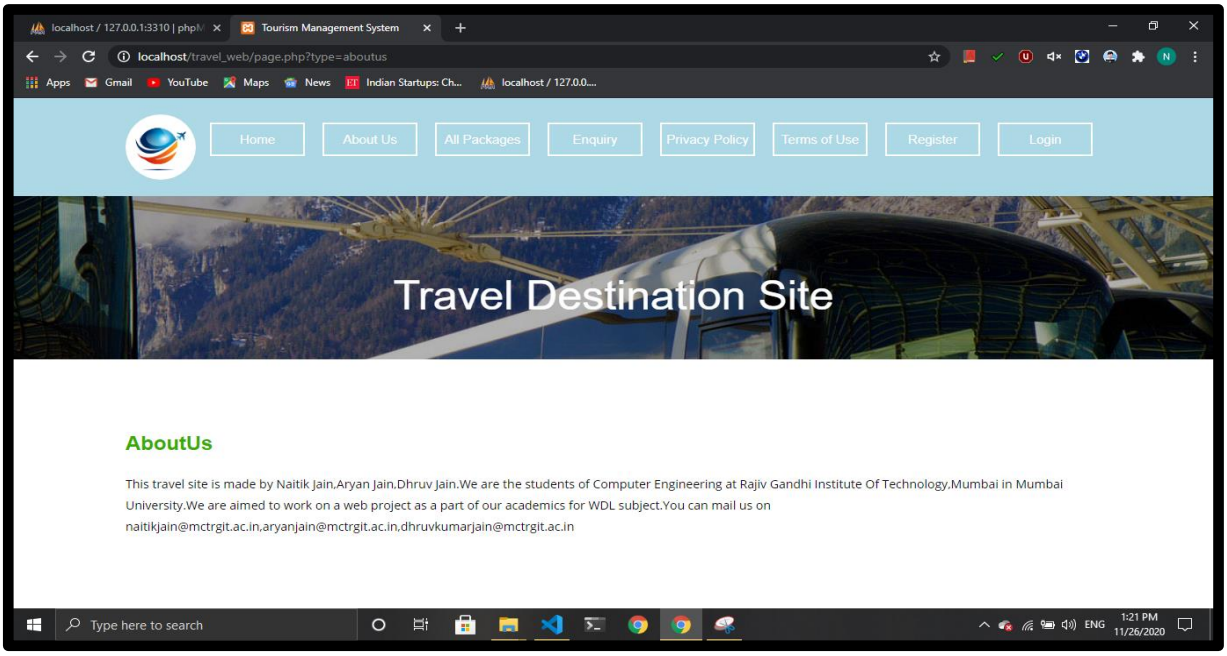
Footer of main page.



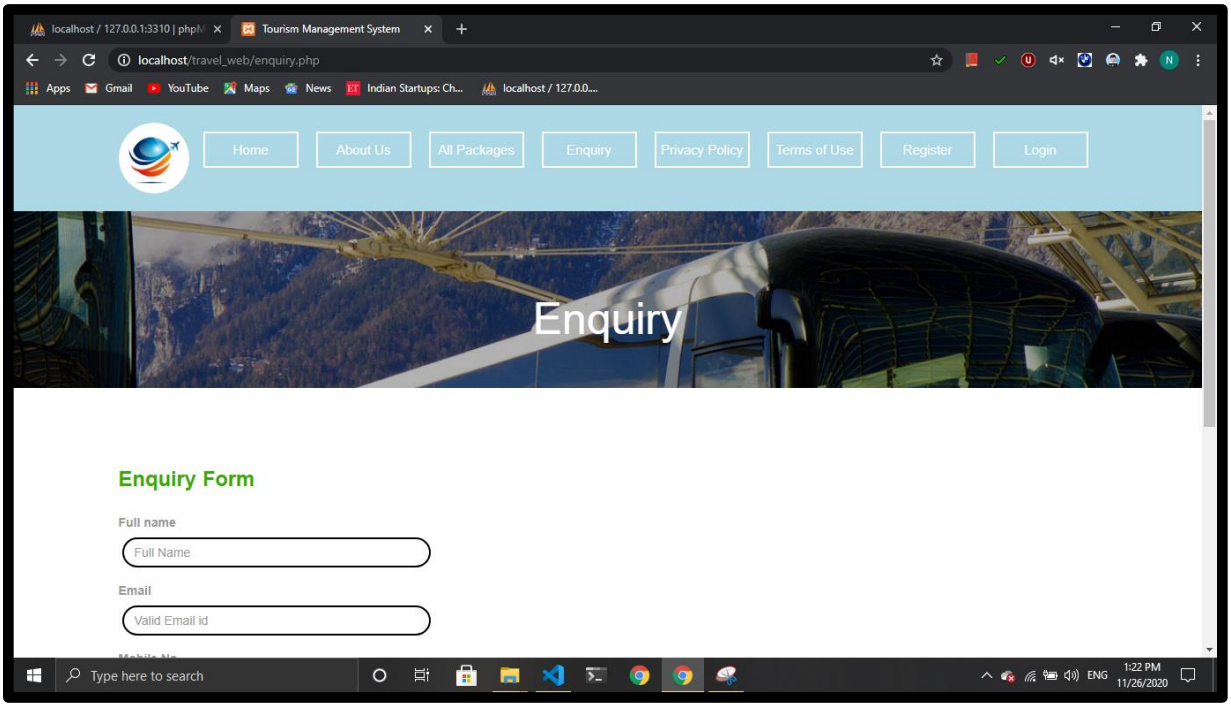
Hovering effect on tiles using JS



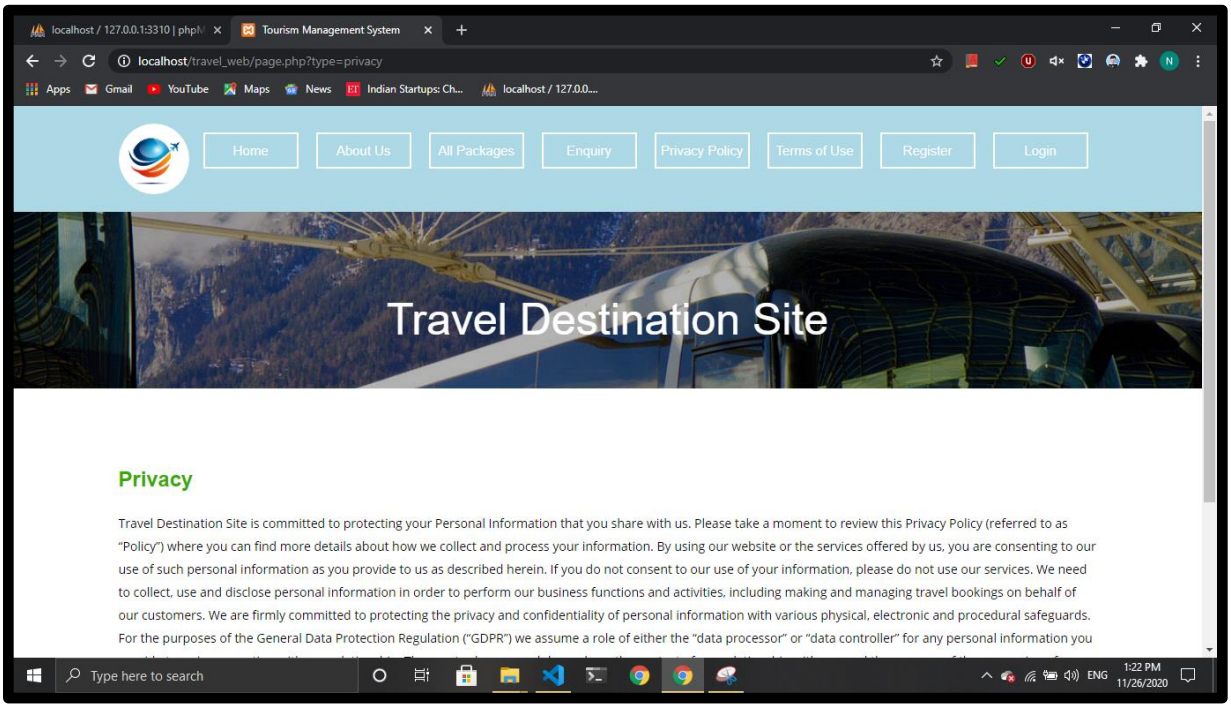
About us page



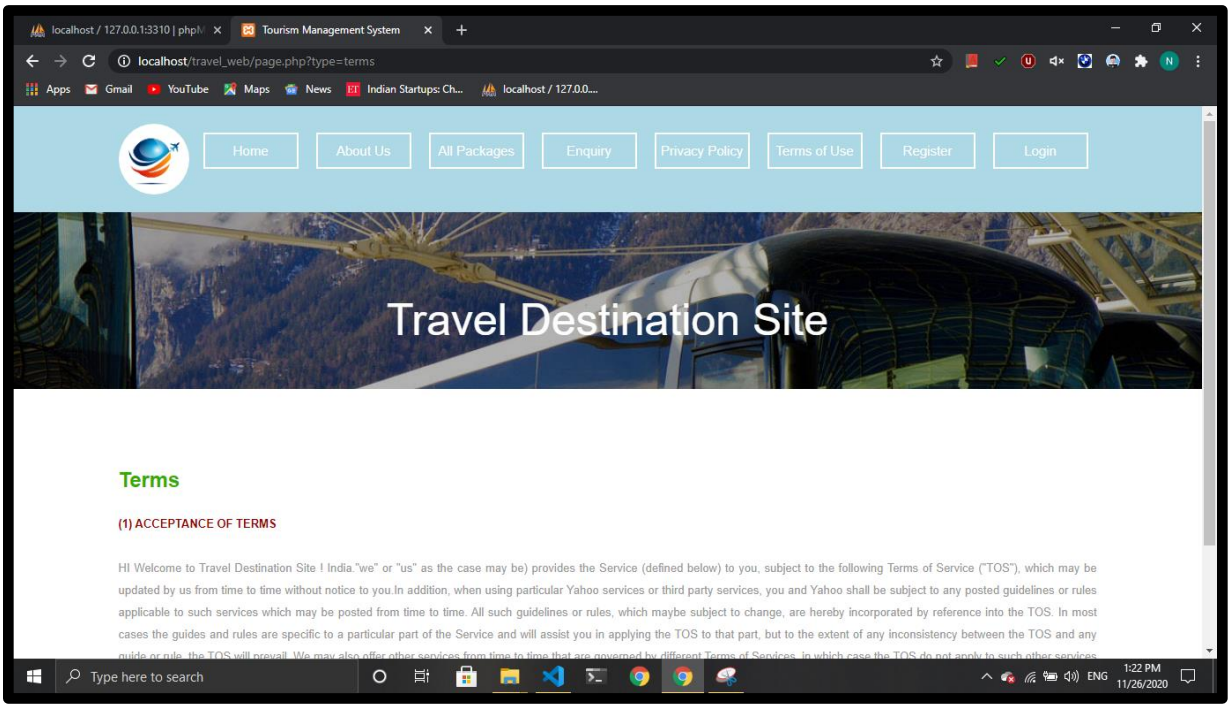
- **Enquiry page**



Privacy policy page

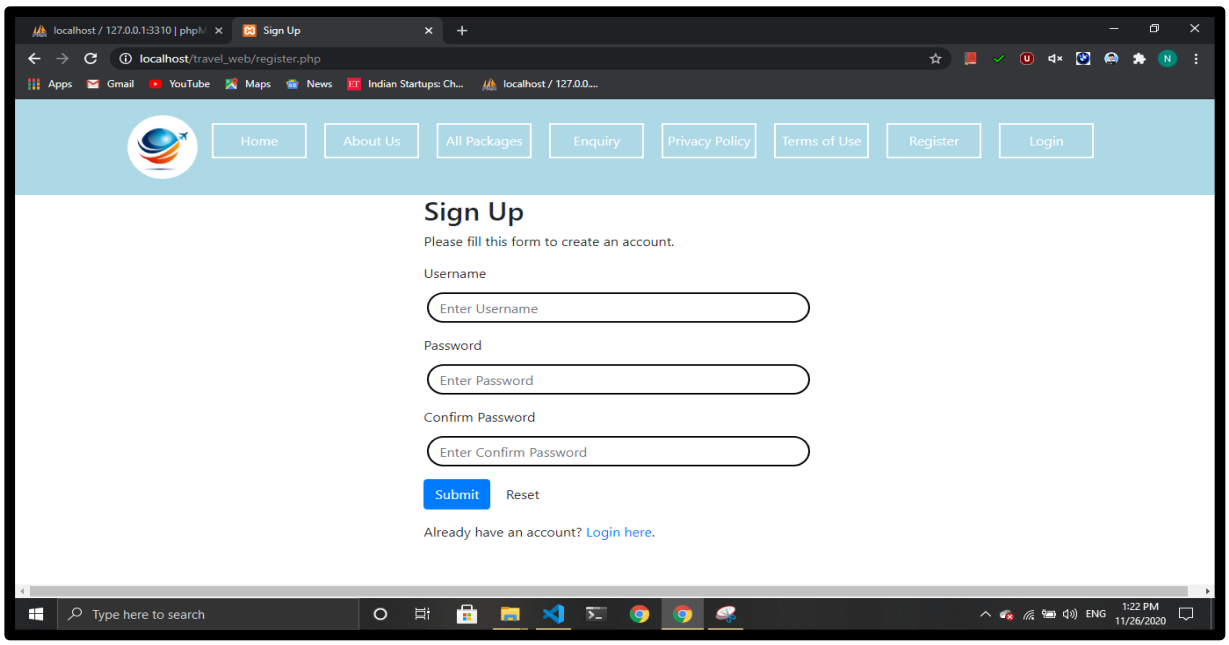


- **Terms pages**

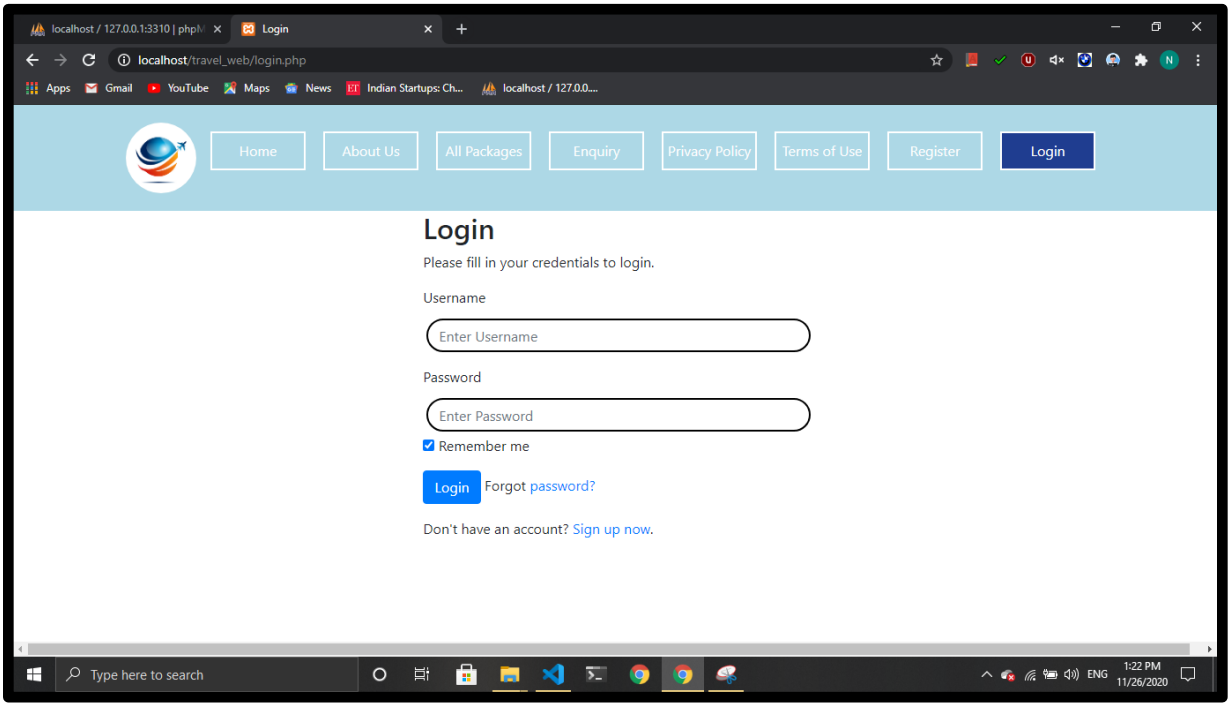


Terms and condition page

Sign up page

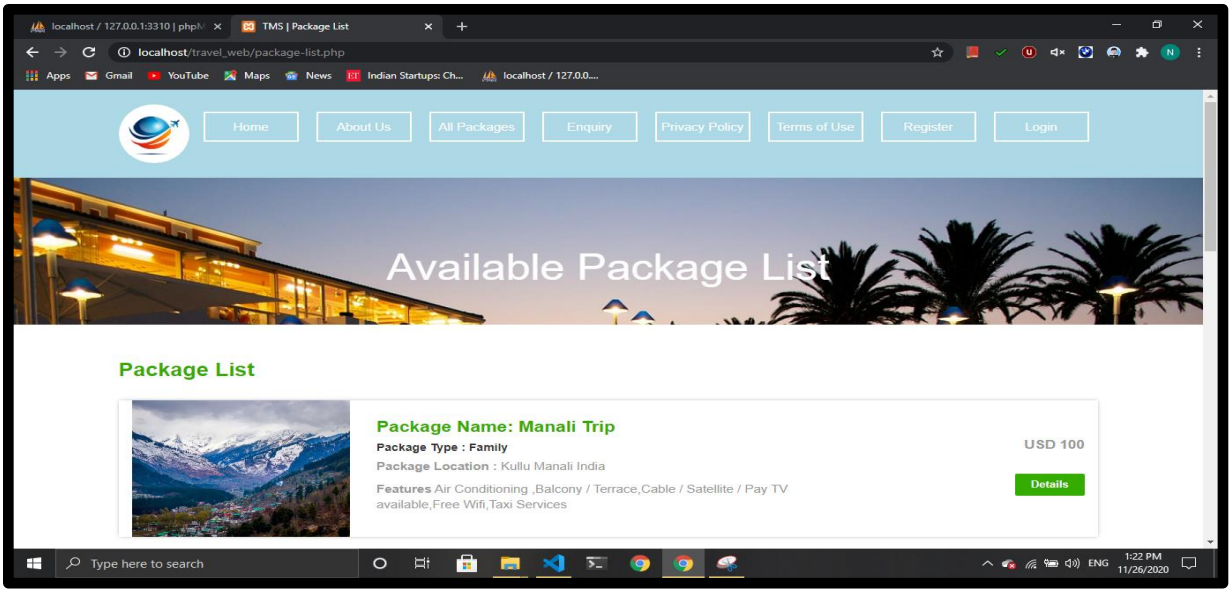


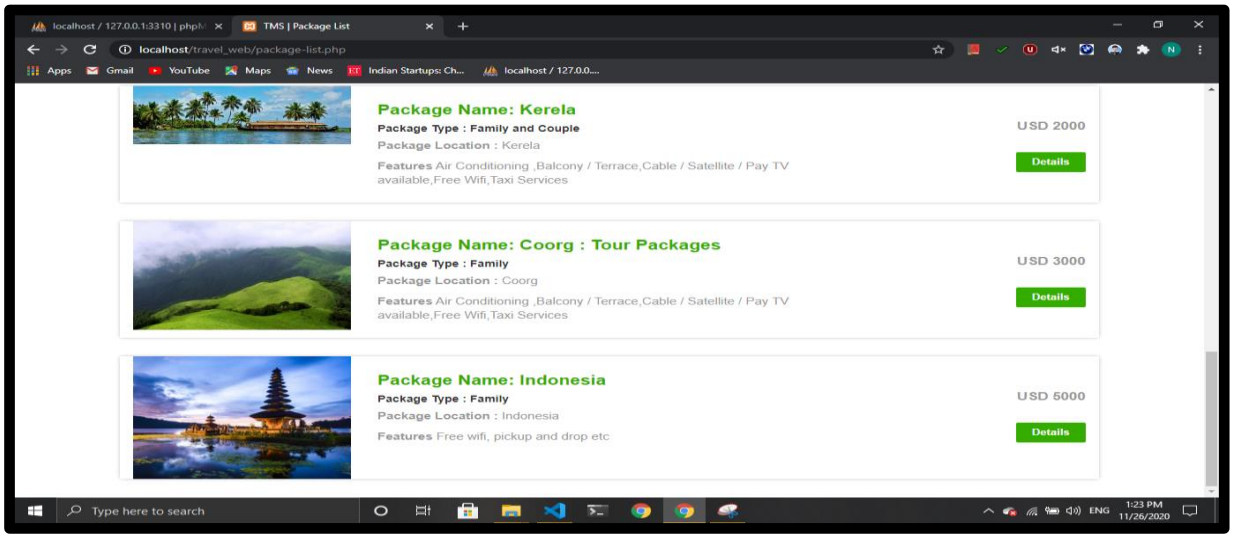
- **Login page**



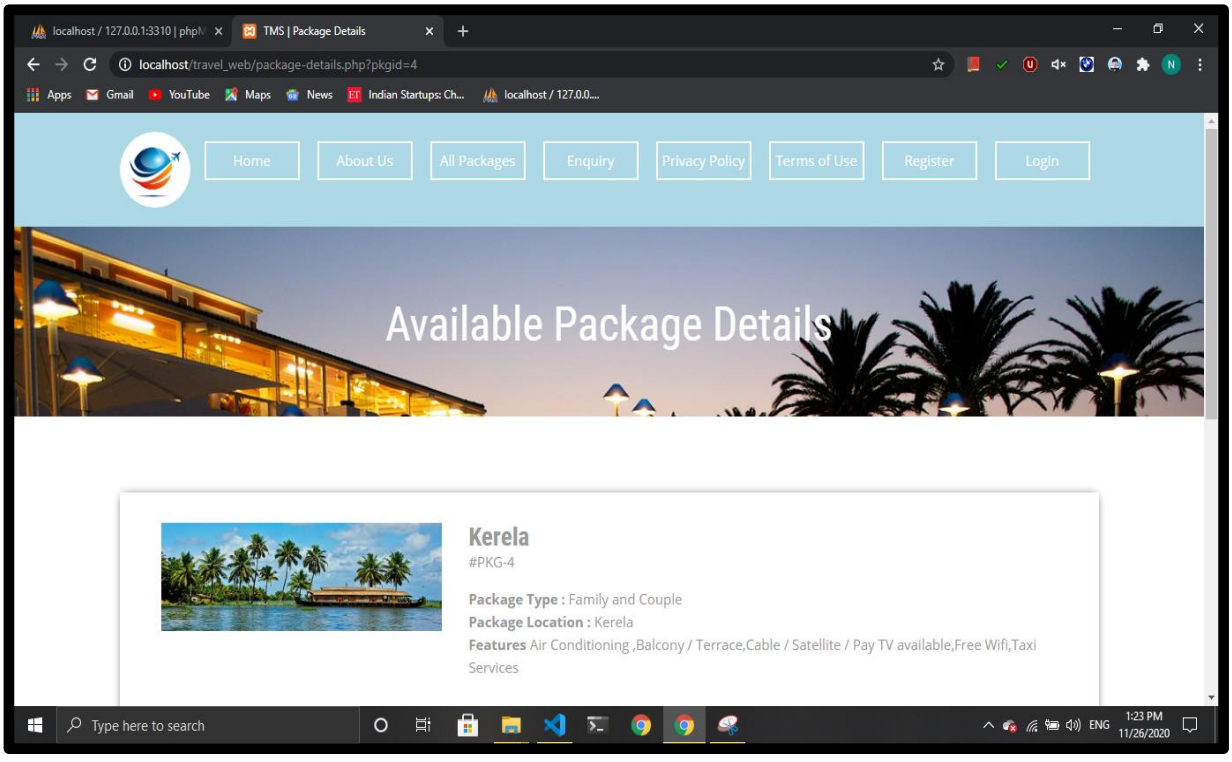
Login page

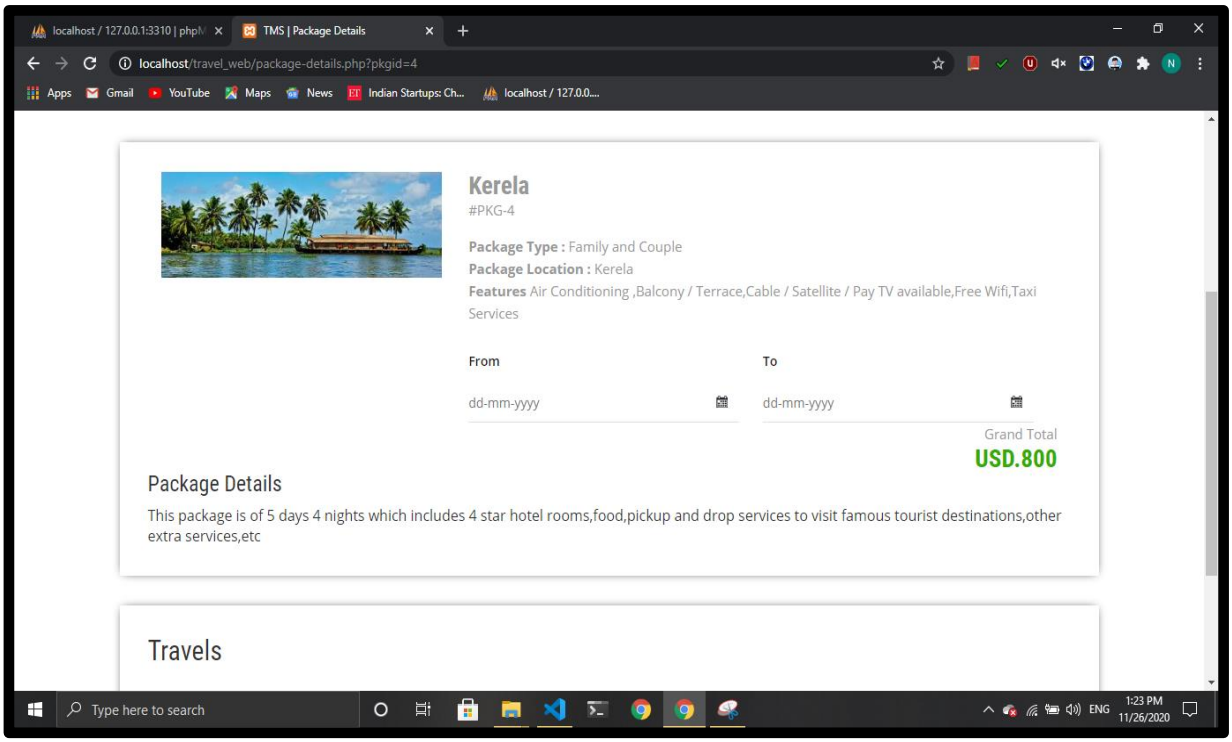
Package list



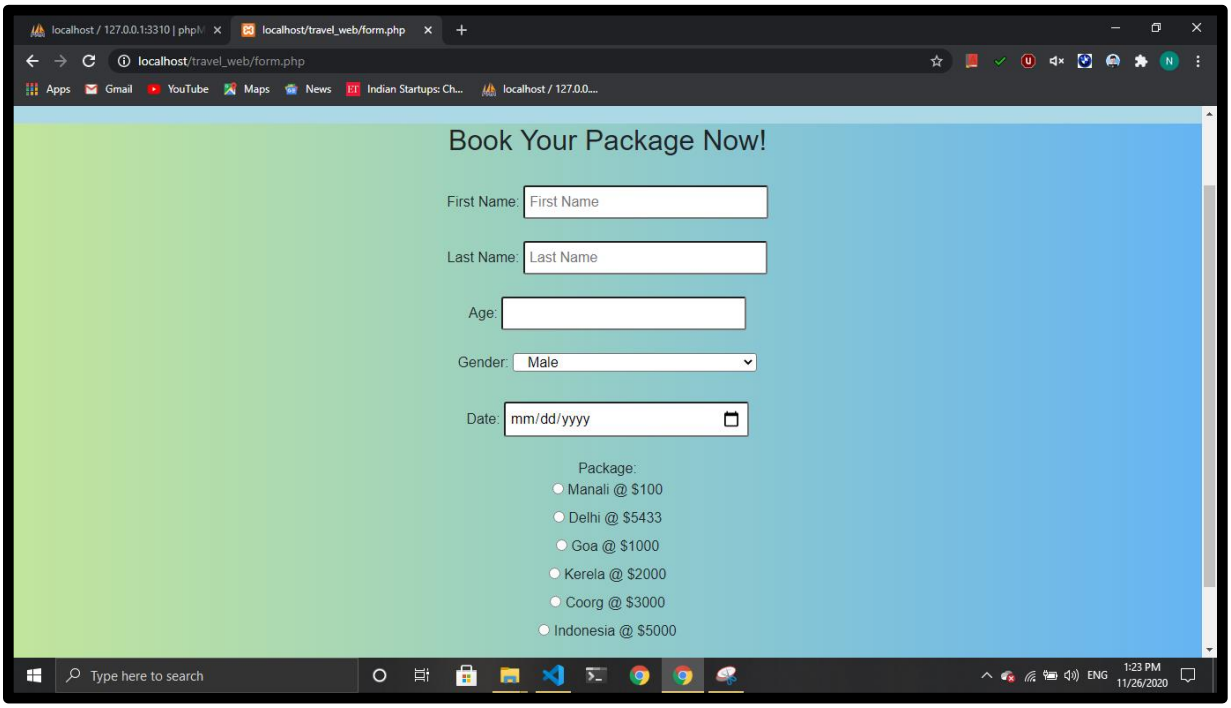


- **Package details**

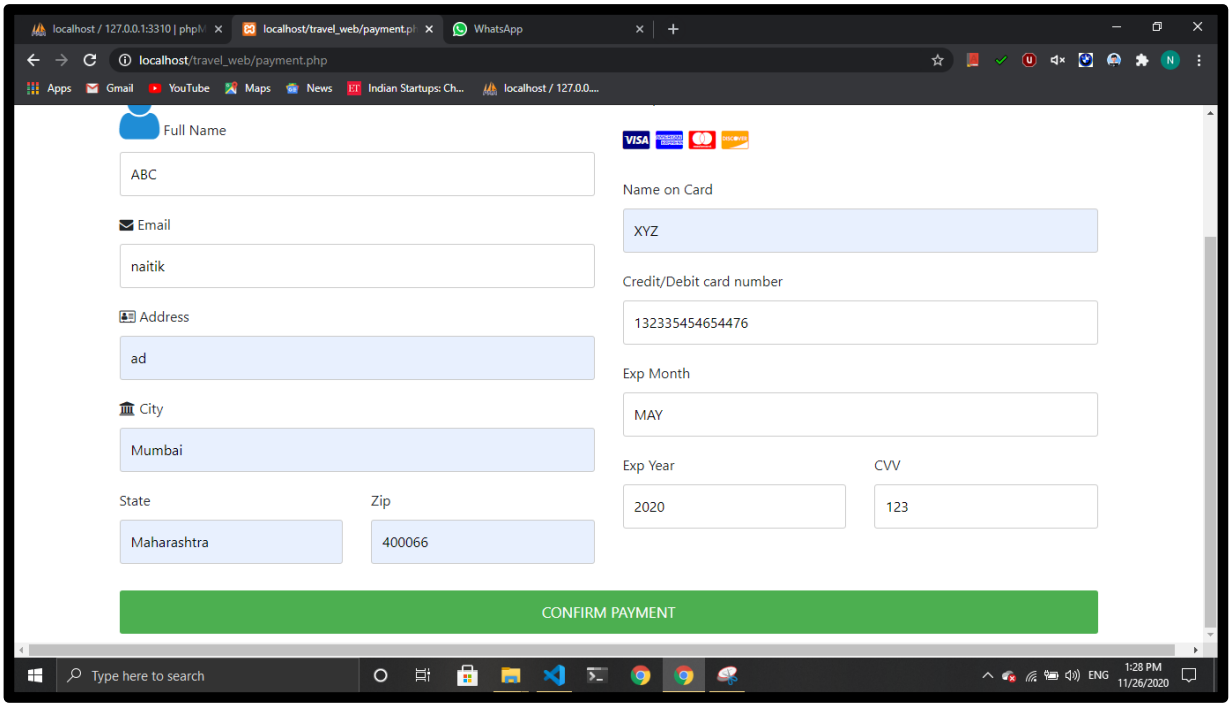




- **Booking and Billing page**

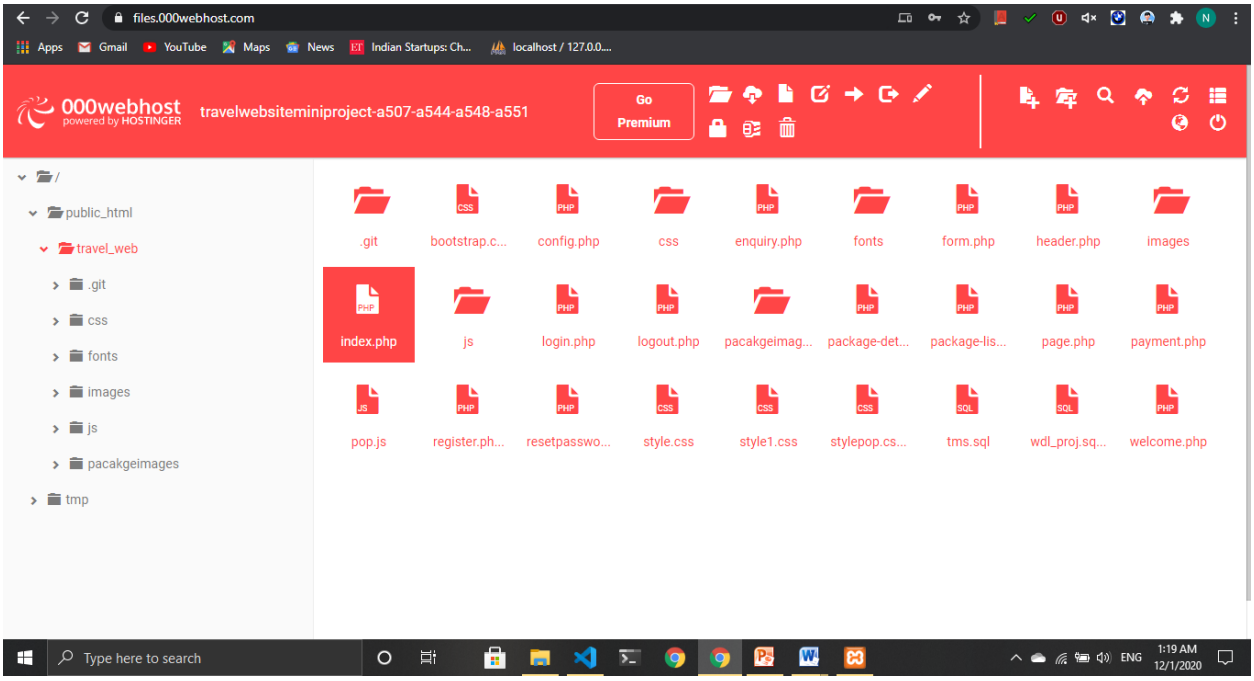


Booking page



Billing page

5.Hosting on 000webhost.com



6.URL of the website

http://travelwebsiteminiproject-a507-a544-a548-a551.000webhostapp.com/travel_web/

7. Conclusion

Conclusion:

Here in this project we tried to use almost all the technologies used in web development such as HTML, CSS, JavaScript, JQuery,Bootstrap, Xampp server and PHP.