MINI PROJECT-I

(2021-22)

"TRIP IT"

Project Report

Institute of Engineering & Technology

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Under the Supervision Of

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References

Department of Computer Engineering and Applications

GLA University, 17 km. Stone NH#2, Mathura-Delhi

Road, Chaumuha, Mathura – 281406 U.P (India)

Declaration

I/we hereby declare that the work which is being presented in the Bachelor of technology. Project **"TRIP IT"**, in partial fulfilment of the requirements for the award of the ***Bachelor of Technology*** in Computer Science and Engineering and submitted to the Department of Computer Engineering and Applications of GLA University, Mathura, is an authentic record of my/our own work carried under the supervision of **Mr. Mandeep Singh, Technical Trainer, Dept. of CEA, GLA University.**

The contents of this project report, in full or in parts, have not been submitted to any other Institute or University for the award of any degree.

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Certificate

This is to certify that the project entitled "TRIP IT", carried out in Mini Project is a bonafide work by Aditi Mishra and Garima Singh Parihar is submitted in partial fulfilment of the requirements for the award of the degree Bachelor of Technology (Computer Science & Engineering).

Signature of Supervisor:

Name of Supervisor: Mr. Mandeep Singh

Designation: Technical Trainer

Department of Computer Engineering and Applications

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Chaumuha, Mathura – 281406 U.P (India)

ACKNOWLEDGEMENT

Presenting the ascribed project paper report in this very simple and official form, we would like to place my deep gratitude to GLA University for providing us the instructor Mr Mandeep Singh, our technical trainer and supervisor.

He has been helping us since Day 1 in this project. He provided us with the roadmap, the basic guidelines explaining on how to work on the project. He has been conducting regular meeting to check the progress of the project and providing us with the resources related to the project. Without his help, we wouldn't have been able to complete this project.

And at last but not the least we would like to thank our dear parents for helping us to grab this opportunity to get trained and also my colleagues who helped me find resources during the training.

Thanking You

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ABSTRACT

Tourism is important in many ways- it can be for leisure, business, education, culture and for fun; it is very happiest part of the life. Tourism industry is a fast developing sector for the economy worldwide. Tourism has become a popular global leisure activity. Keywords website: HTML, CSS, java, database.

"Tourism is the temporary short-term movement of people to destination outside the place where they normally live and work and their activities during the stay at their destinations, includes movement for all purposes, as well as day visit or excursions".

As the name suggests, this feature provides the opportunity to the user to explore his trip on his computer. On a Google map showing all major cities, the user clicks on his starting city. Then by providing his interest, and the range of his travelling he will get all the cities, which matches both criteria, on a Google Map centred on his starting city. Now with just only a click he can explore any city for its rating, main attractions and experiences of the 4 past travellers to that city. Along these things, a slide shows of the photos of that city searched from tour and travels.

CHAPTER-1 INTRODUCTION

1.1 OBJECTIVE

The main objective of the project is to provide online registration, tour package information, ticket booking, online payment and searching facility for the customer and also generate details regarding the journey.

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

1.2 EXISTING SYSTEM

In the existing system, each task is carried out manually and processing is also a tedious job. In previous system travellers were maintaining time table details manually in pen and paper, which was time taking and costly. The travellers is not able to achieve its need in time and also the results may not accurate. Because of the manual maintenance there are number of difficulties and drawbacks exist in the system. Some of them are: -

Drawbacks of the Existing System:

→ Increased transaction leads to increased source document and hence maintenance

becomes difficult.

→ If any admin, user entry is wrongly made then the maintenance becomes very difficult.

1.3 SOURCES

The source of our project (including all the project work, documentations and presentations) will is available at the following link:

https://github.com/aditi0206/Miniproject.git

CHAPTER -2

REQUIREMENT ANALYSIS

2.1 HARDWARE AND SOFTWARE REQUIREMENTS

Hardware Requirement

- Processor: intel i5
- Operating System: Windows
- RAM: 4 GB (or higher)
- Hard disk: 1 Tb and more
- Screen Size: 14 inch and more

Software Requirement

- Technology implemented: Full stack
- Language used: HTML, CSS, JAVASCRIPT, PHP
- Database: MYSQL
- User Interface Design: Graphical User Interface

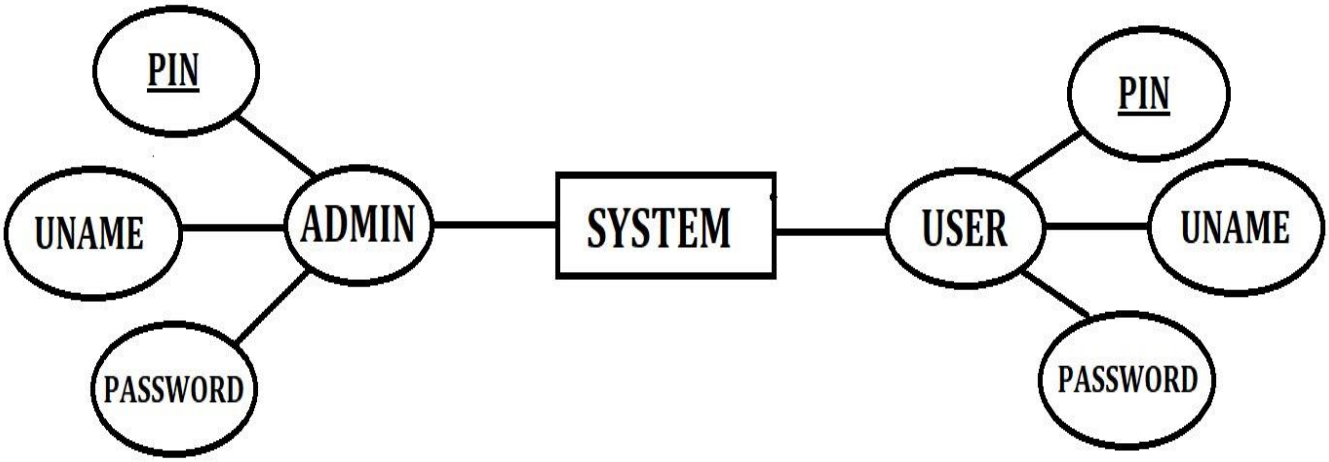
2.2 MODULES AND FUNCTIONALITIES

Modules in the project:

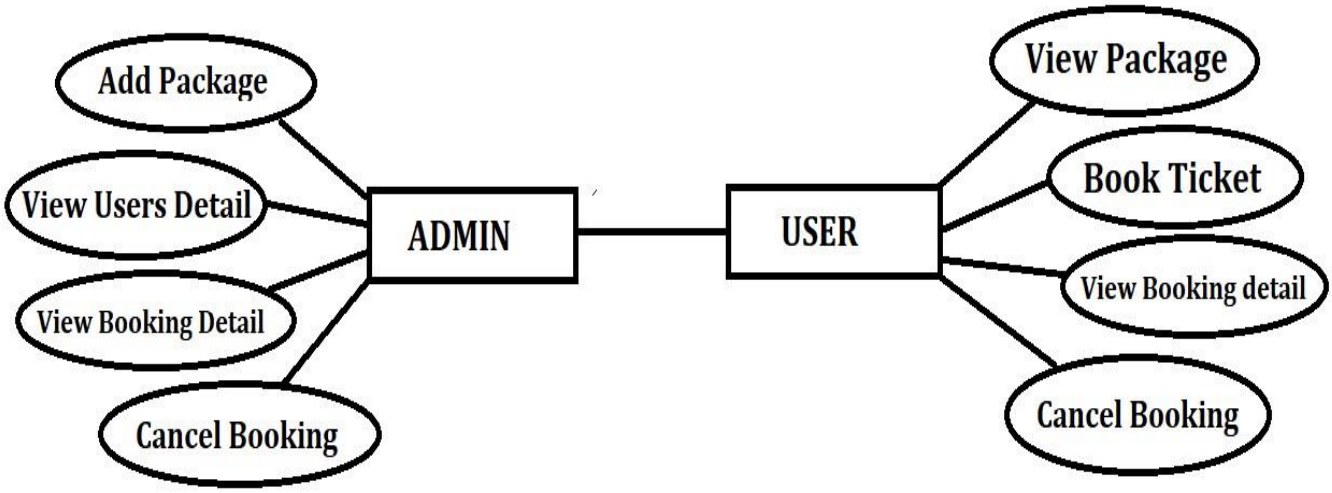
- Admin section.
- User section
- Places section
- Services
- About Us section
- Contact section

CHAPTER-3 SOFTWARE DESIGN

3.1 SYSTEM DATA FLOW DIAGRAM



3.2 MODULES DATA FLOW DIAGRAM



CHAPTER-4 TECHNOLOGY USED

1)HTML-

HTML stands for **Hypertext Mark-up Language**. It is used to design web pages using a mark-up language. HTML is the combination of Hypertext and Mark-up language. Hypertext defines the link between the web pages
HTML is a mark-up language that is used by the browser to manipulate text, images, and other content to display in the required format.

Why to use HTML?
HTML helps to structure our website well. The way a skeleton system gives a structure to the human body in a similar manner HTML acts as a skeleton for a website, without it a website cannot be made.

- **Base for creating websites:** HTML is the basic necessity a developer should know while building a website from scratch.
- **Learn web development:** HTML is the first step towards learning Web Development. Once you learn HTML, you can build simple, static websites very easily.
- **Can become freelancer:** Since web development has the best scope in freelancing, therefore learning HTML will surely help you to get the best deals of website development in the market.

2)CSS

CSS (Cascading Style Sheets) is a stylesheet language used to design the webpage to make it attractive. The reason of using CSS is to simplify the process of making web pages presentable. CSS allows you to apply styles to web pages. More importantly, CSS enables you to do this independent of the HTML that makes up each web page.

There are three types of CSS which are given below:

- Inline CSS
- Internal or Embedded CSS
- External CSS

Why we learn CSS?

- **Base for web development:** HTML and CSS is the basic skill that every web developer should know. It is the basic skill that is required for building a website.

- **Makes your website look attractive:** A website that's dull and plain will not attract the user most probably, so adding some style would surely make your website presentable to the user.

- **Makes the design come live:** A web developer is responsible in making the design given to him as a live product. CSS is used for styling to develop the design of the website.

3)JAVASCRIPT

JavaScript is the world most popular lightweight, interpreted compiled programming language. It is also known as scripting language for web pages. It is well-known for the development of web pages; many non-browser environments also use it. JavaScript can be used for Client Side developments as well as Server Side developments

JavaScript can be added to your HTML file in 2 ways:

- **Internal JS:** We can add JavaScript directly to our HTML file by writing the code inside the <script> tag. The <script> tag can either be placed inside the <head> or the <body> tag according to the requirement.

- **External JS:** We can write JavaScript code in other file having an extension .js and then link this file inside the <head> tag of the HTML file in which we want to add this code.

Application of JavaScript

JavaScript is used to create interactive websites. It is mainly used for:

- Client-side validation, ○ Dynamic drop-down menus, ○ Displaying date and time, ○ Displaying pop-up windows and dialog boxes (like an alert dialog box, confirm dialog box and prompt dialog box),
- Displaying clocks etc.

4) PHP

PHP is a server-side scripting language. That is used to develop Static websites or Dynamic websites or Web applications. PHP stands for Hypertext Pre-processor, that earlier stood for Personal Home Pages.

- PHP scripts can only be interpreted on a server that has PHP installed.
- The client computers accessing the PHP scripts require a web browser only. A PHP file contains PHP tags and ends with the extension ".php".

What is Scripting Language?

- A script is a set of programming instructions that is interpreted at runtime.
- A scripting language is a language that interprets scripts at runtime. Scripts are usually embedded into other software environments.
- The purpose of the scripts is usually to enhance the performance or perform routine tasks for an application.
- Server-side scripts are interpreted on the server while client side scripts are interpreted by the client application.
- PHP is a server-side script that is interpreted on the server while Javascript is an example of a client-side script that is interpreted by the client browser. Both PHP and JavaScript can be embedded into HTML pages.

5) MySQL

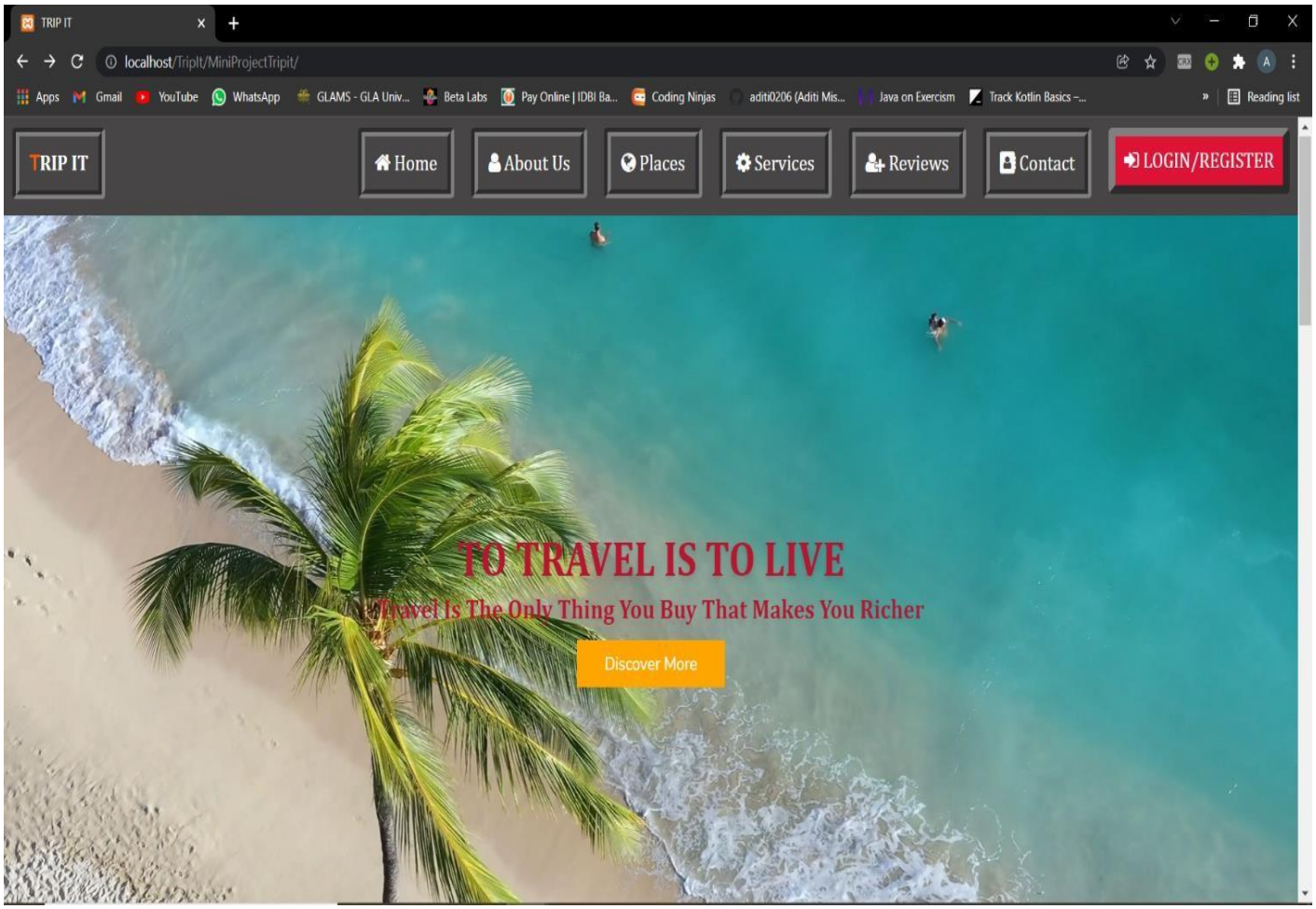
MySQL is a fast, easy-to-use RDBMS being used for many small and big businesses. MySQL is developed, marketed and supported by MySQL AB, which is a Swedish company. MySQL is becoming so popular because of many good reasons –

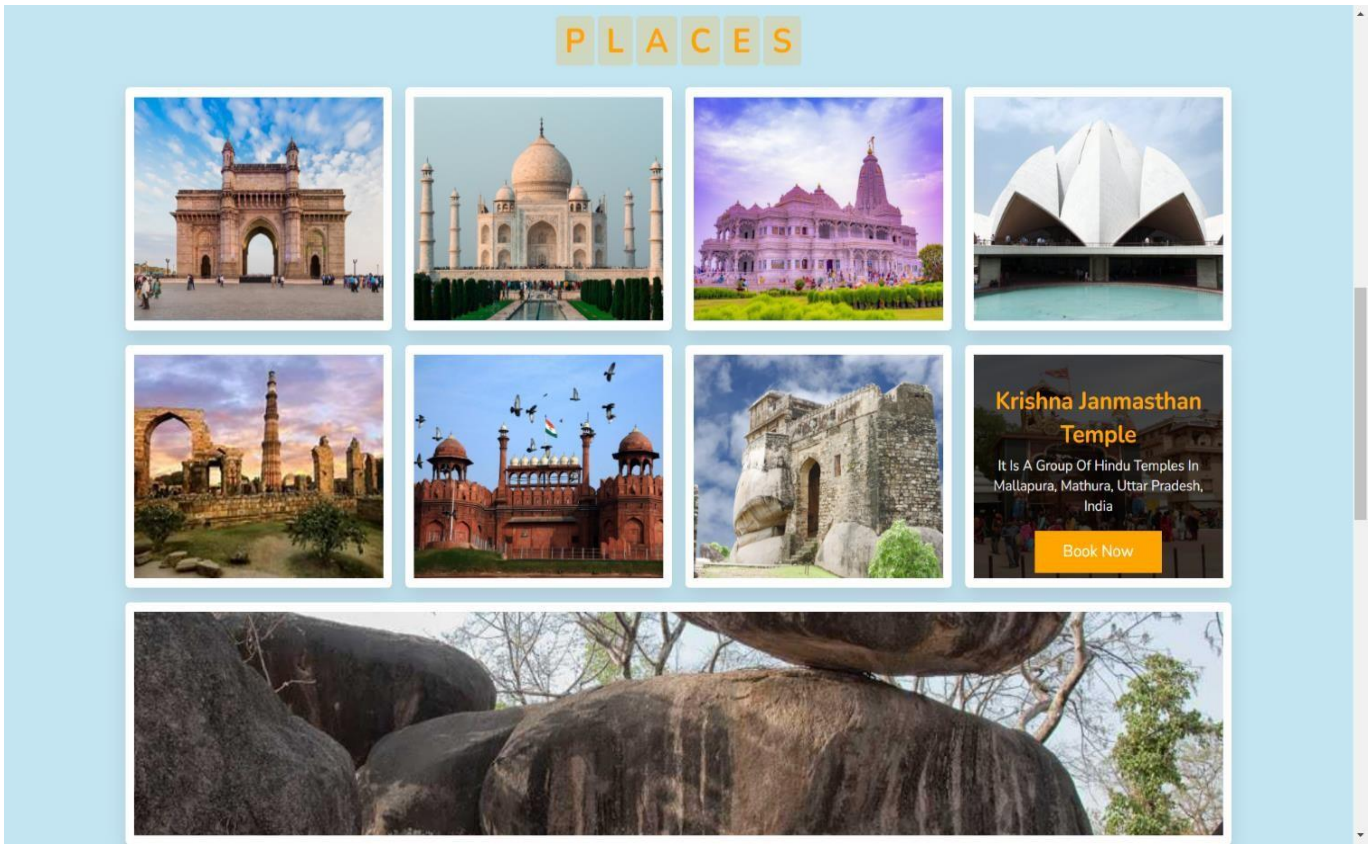
- MySQL is released under an open-source license. So you have nothing to pay to use it.
- MySQL is a very powerful program in its own right. It handles a large subset of the functionality of the most expensive and powerful database packages.
- MySQL uses a standard form of the well-known SQL data language.
- MySQL works on many operating systems and with many languages including PHP, PERL, C, C++, JAVA, etc.

- MySQL works very quickly and works well even with large data sets.
- MySQL is very friendly to PHP, the most appreciated language for web development.
- MySQL supports large databases, up to 50 million rows or more in a table. The default file size limit for a table is 4GB, but you can increase this (if your operating system can handle it) to a theoretical limit of 8 million terabytes (TB).
- MySQL is customizable. The open-source GPL license allows programmers to modify the MySQL software to fit their own specific environments.

CHAPTER-5 USER INTERFACE

A) HOME PAGE





About Us

Travel And Tourism Is The Largest Service Industry In India. It Provides Heritage, Cultural, Medical, Business And Sports Tourism. The Main Objective Of This Sector Is To Develop And Promote Tourism, Maintain Competitiveness Of India As Tourist Destination And Improve And Expand Existing Tourism Products To Ensure Employment Generation And Economic Growth.

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Developer

Aditi Mishra

Garima Singh Parihar

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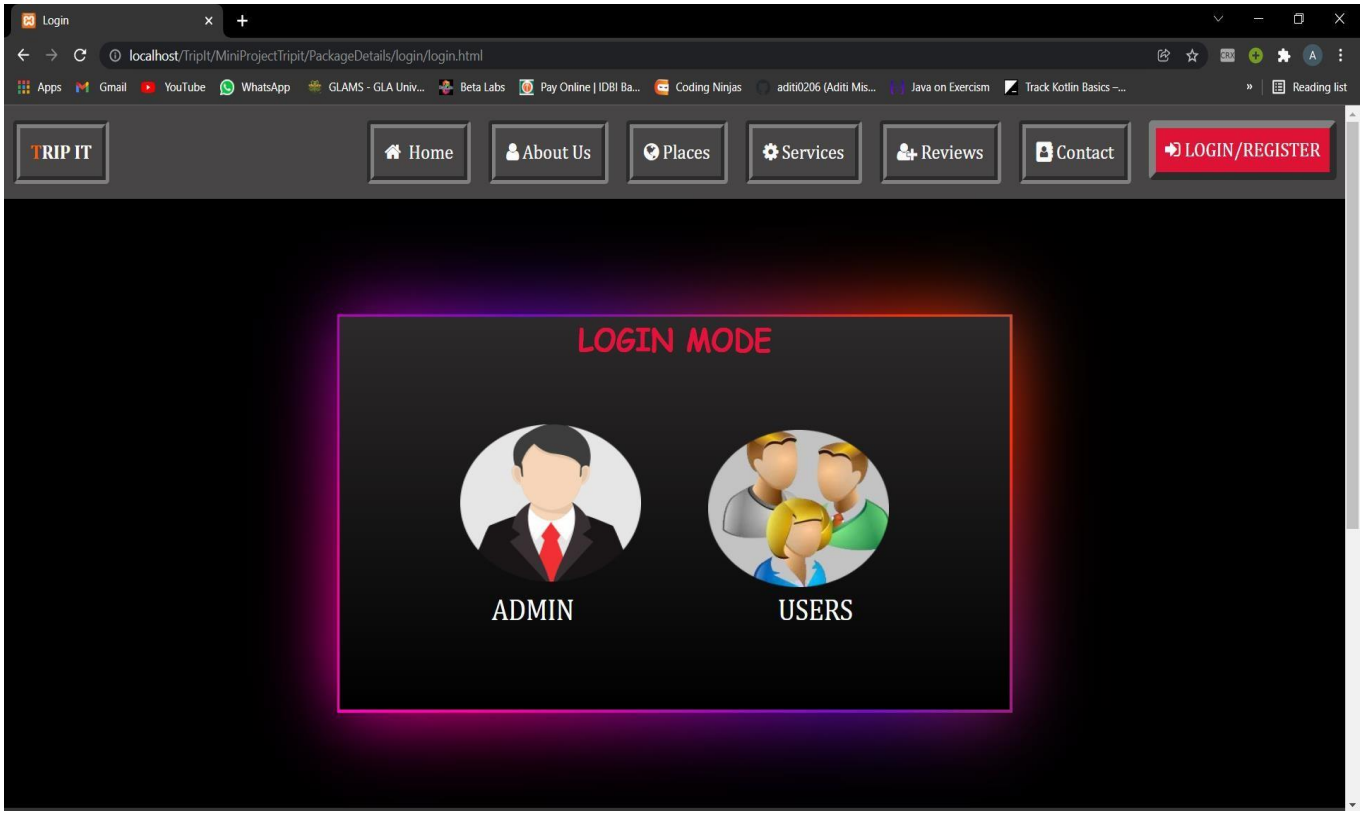
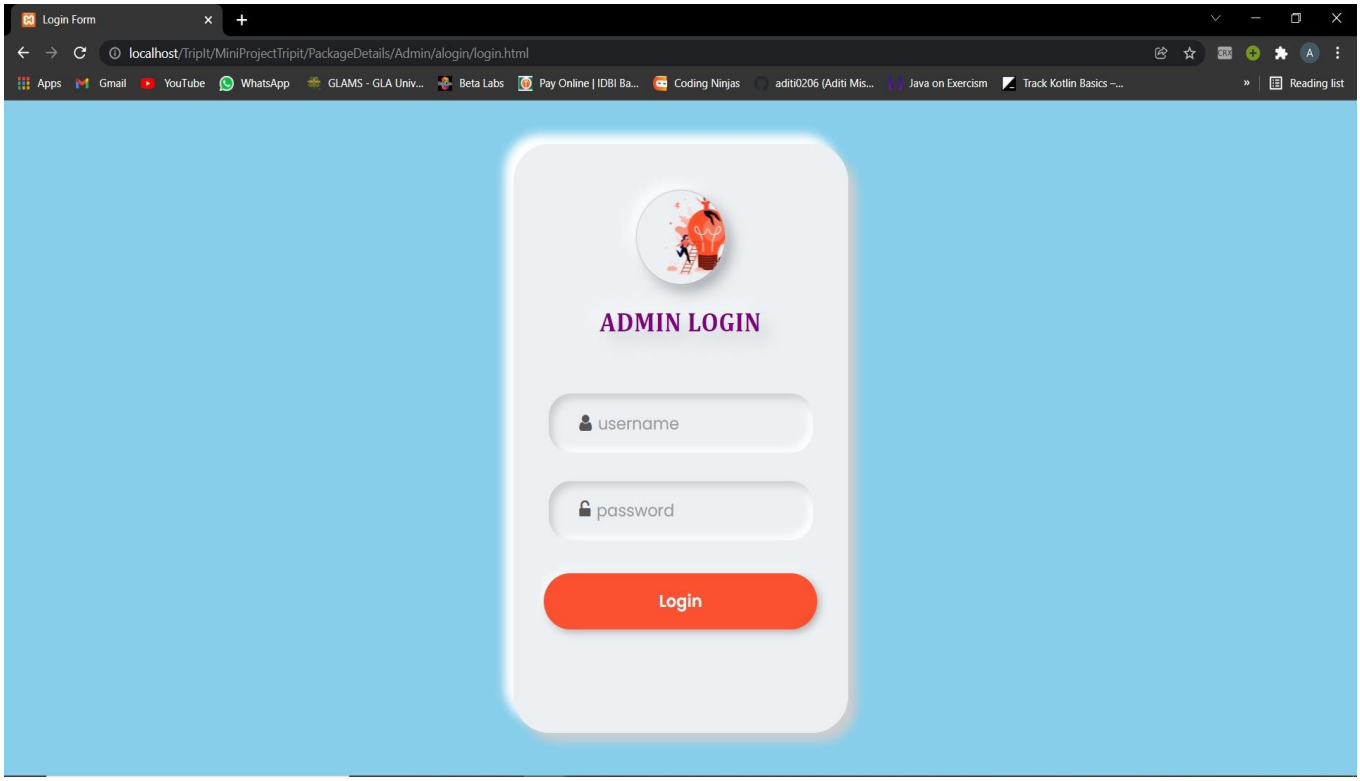
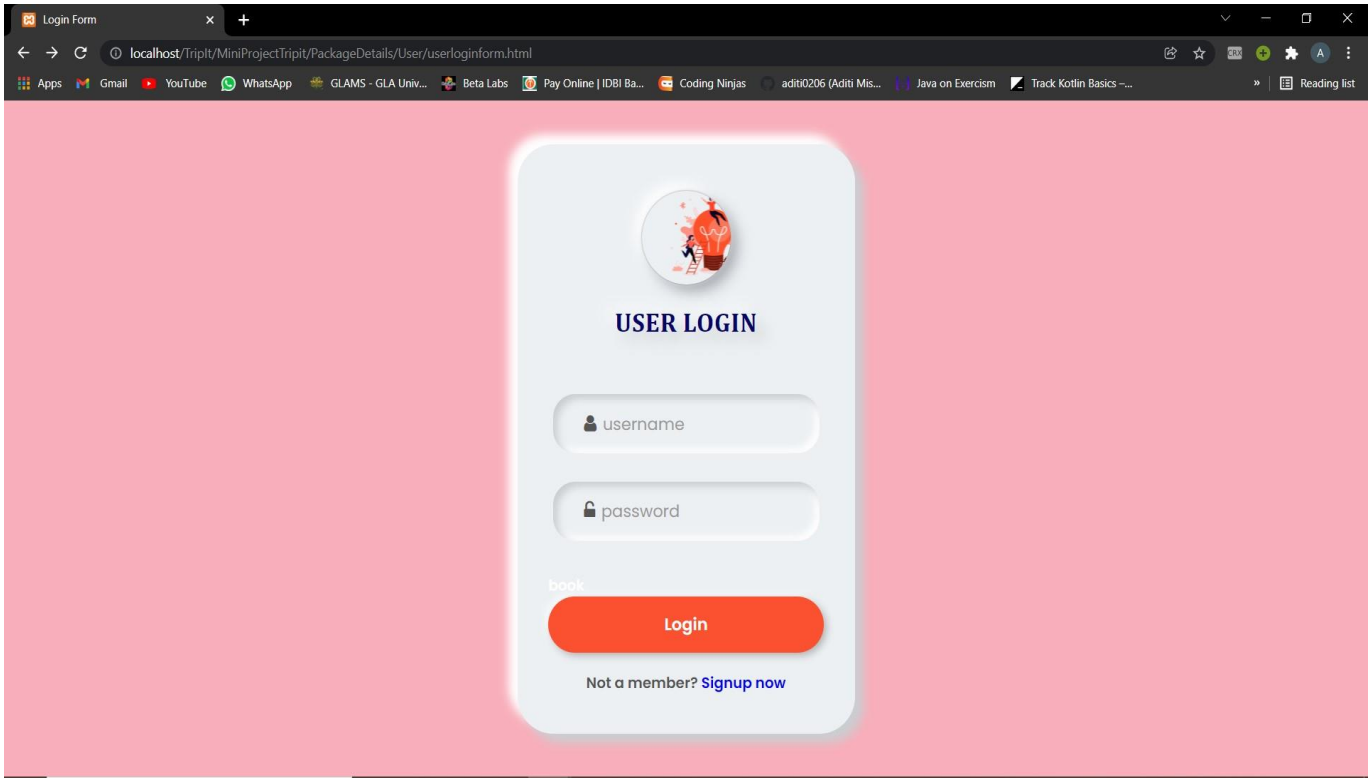
B) LOGIN PAGE



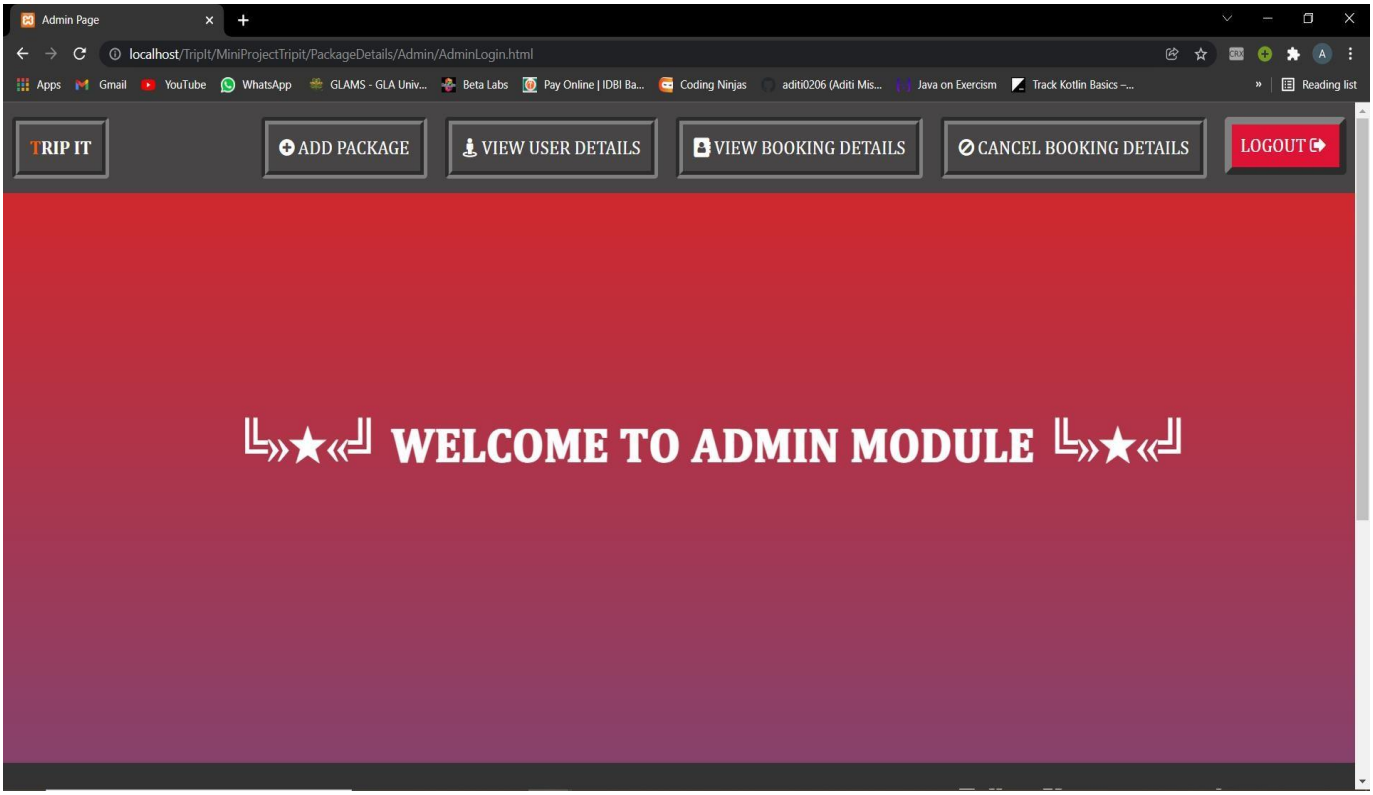
C) ADMIN LOGIN PAGE



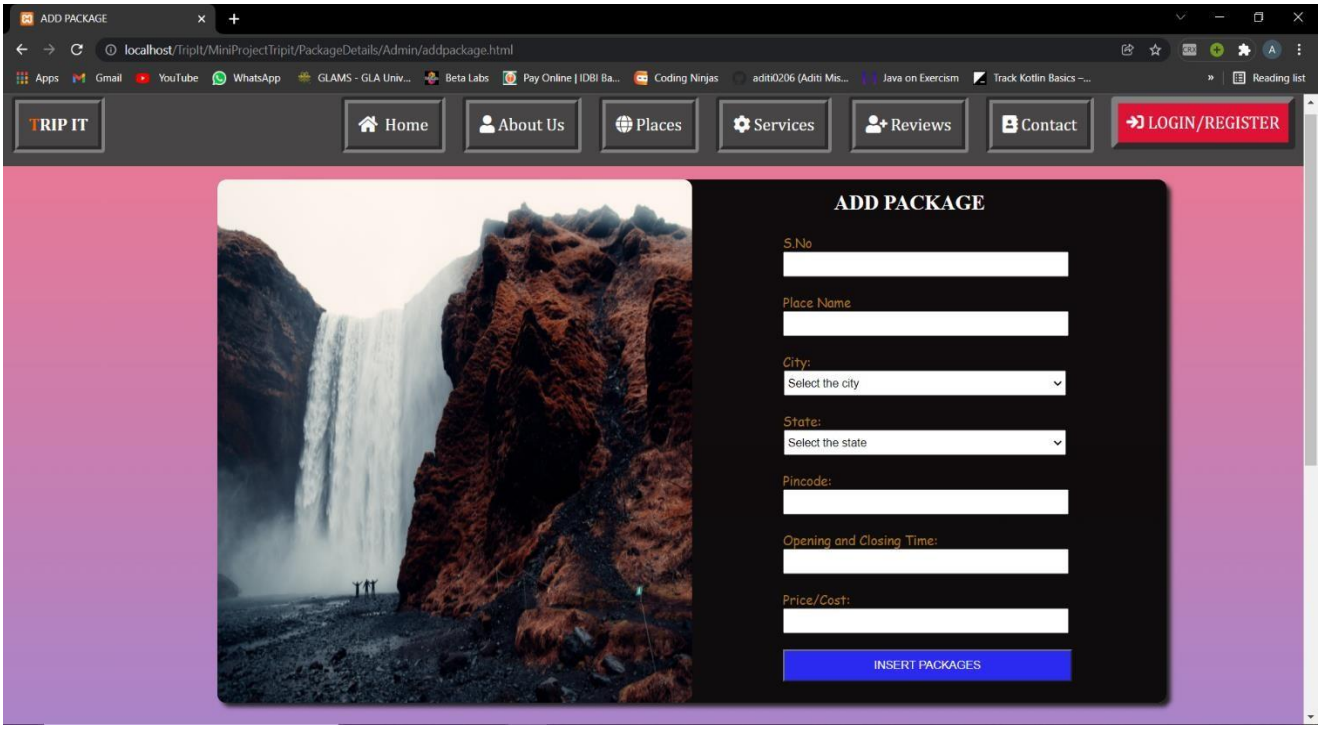
D) USER LOGIN PAGE



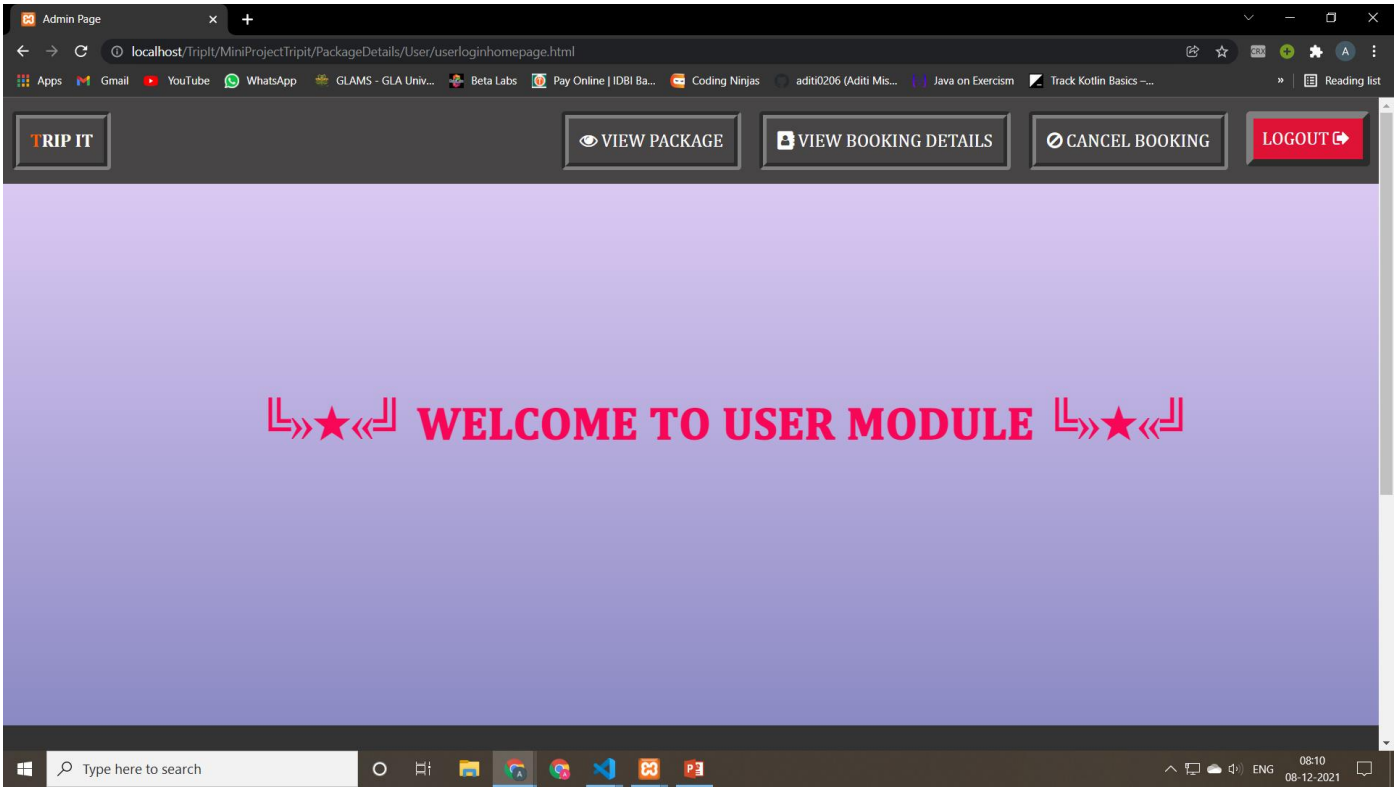
E) ADMIN PAGE



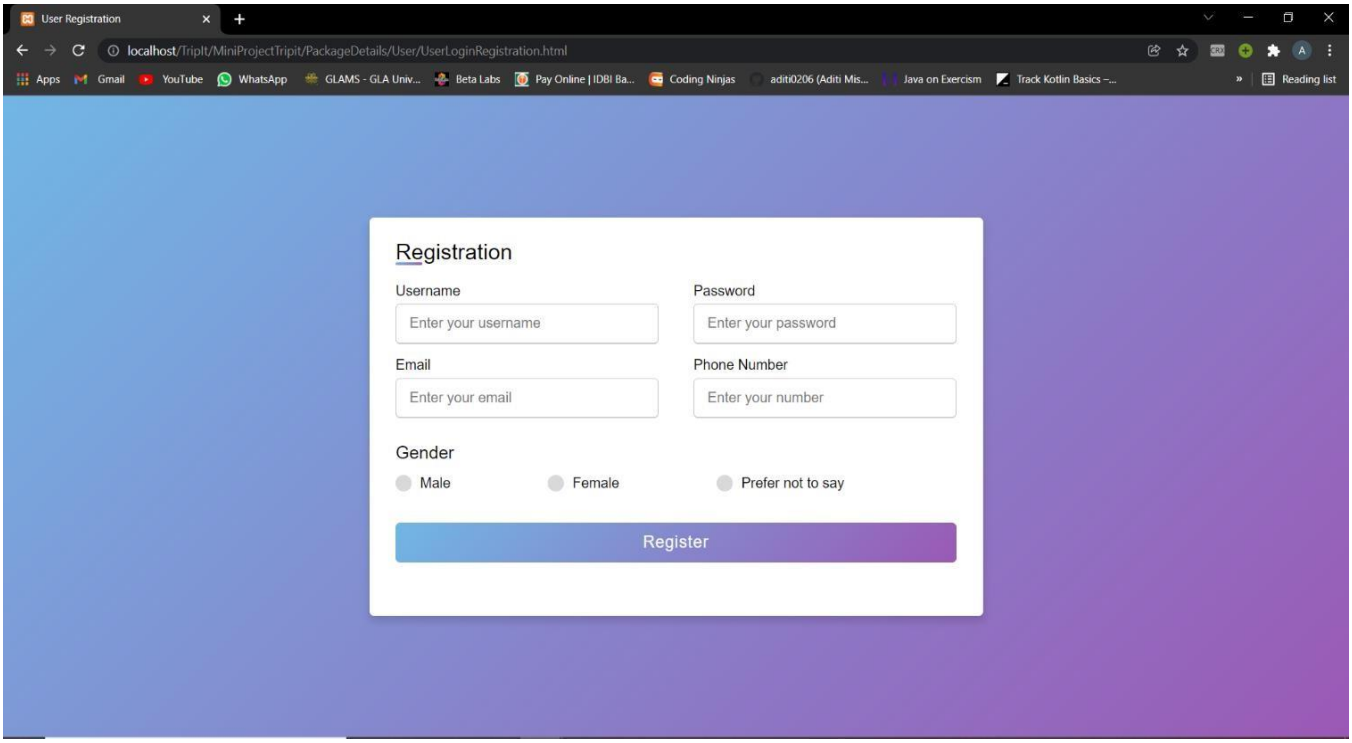
F) ADD PACKAGE



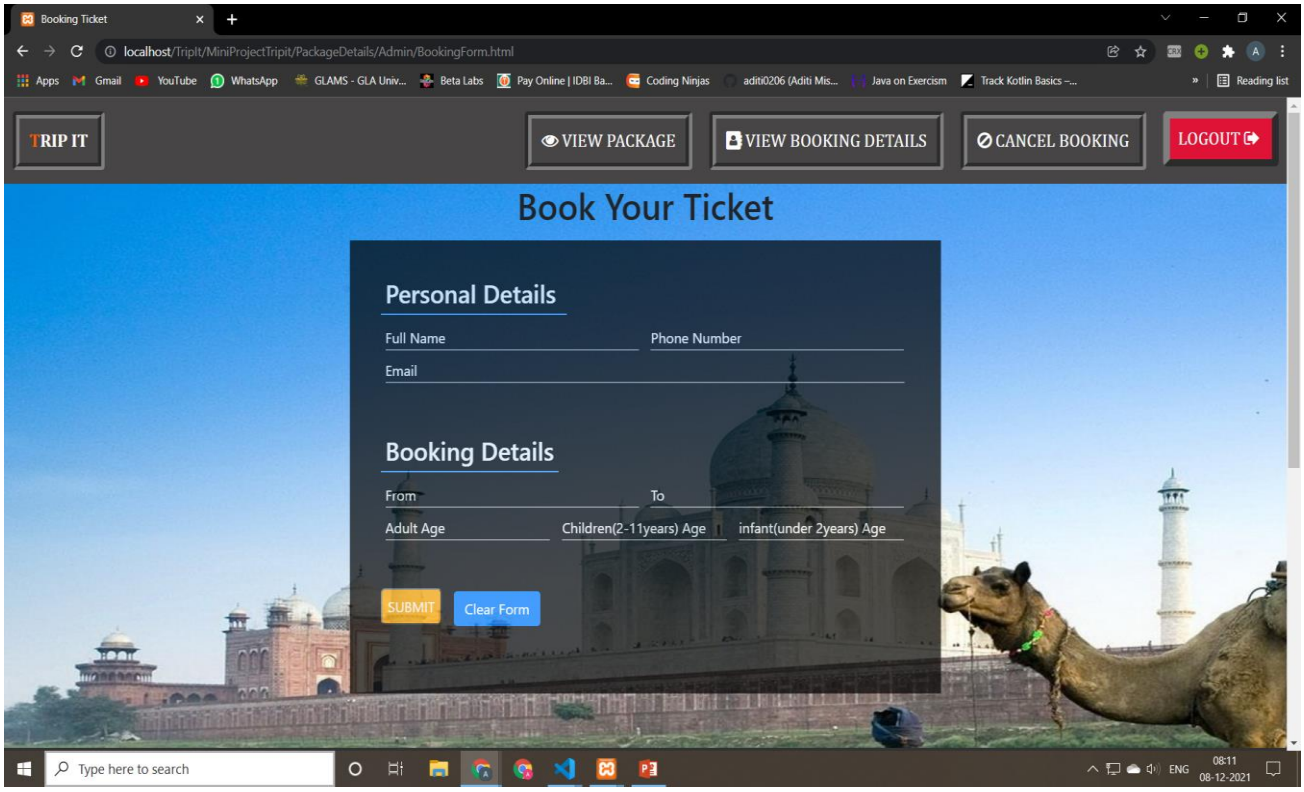
G) USER PAGE



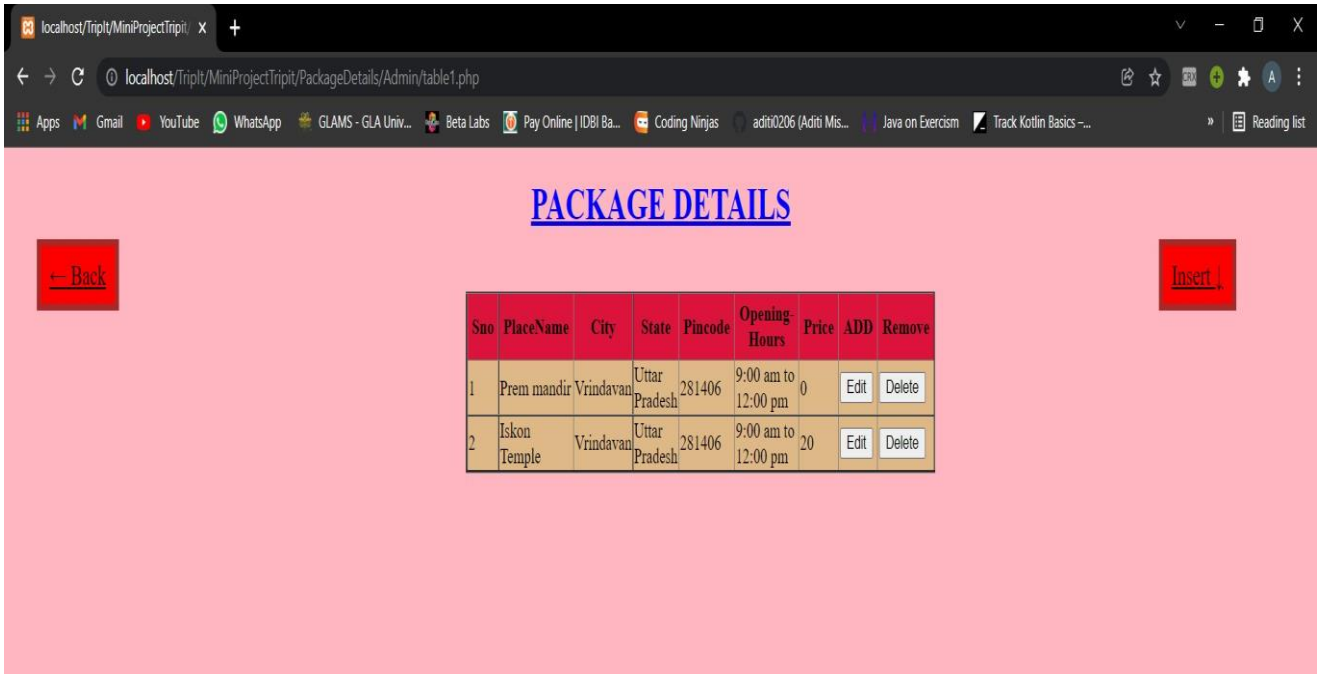
H) REGISTRATION PAGE



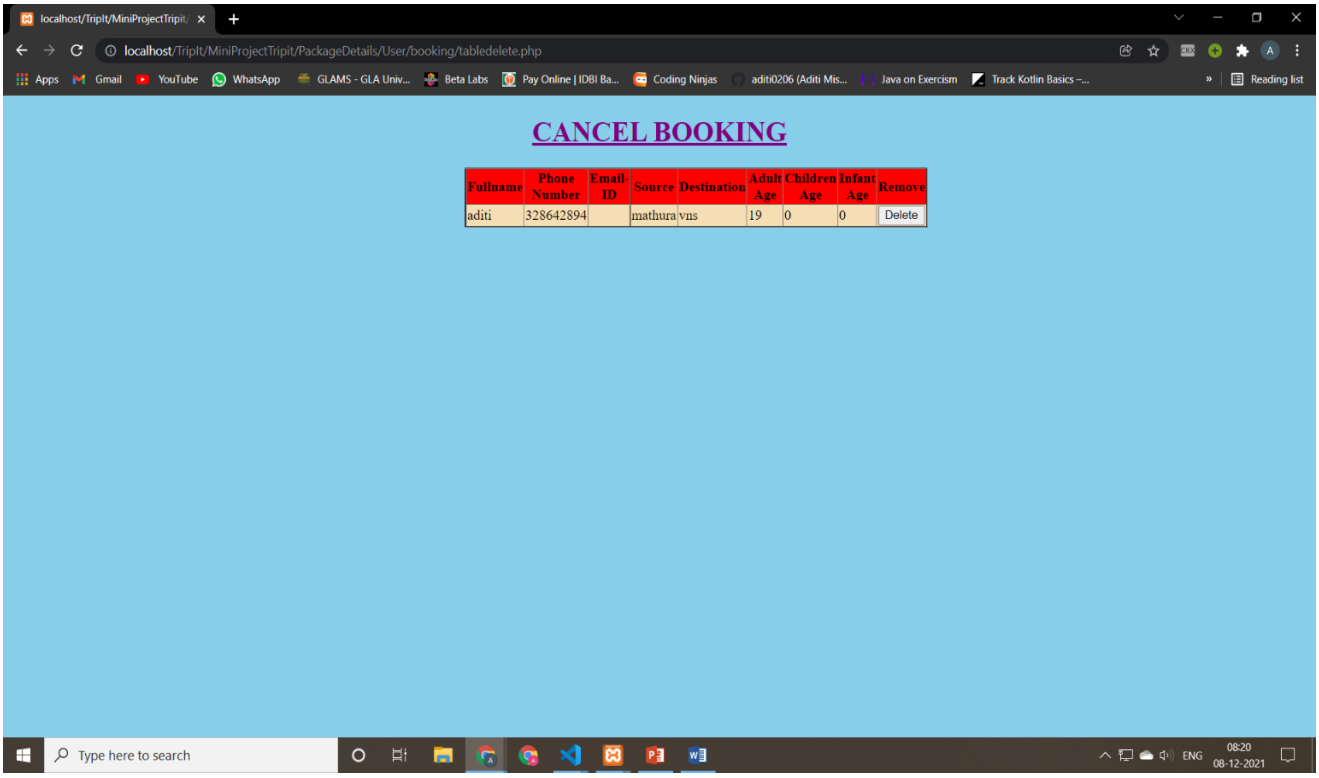
I)BOOKING FORM



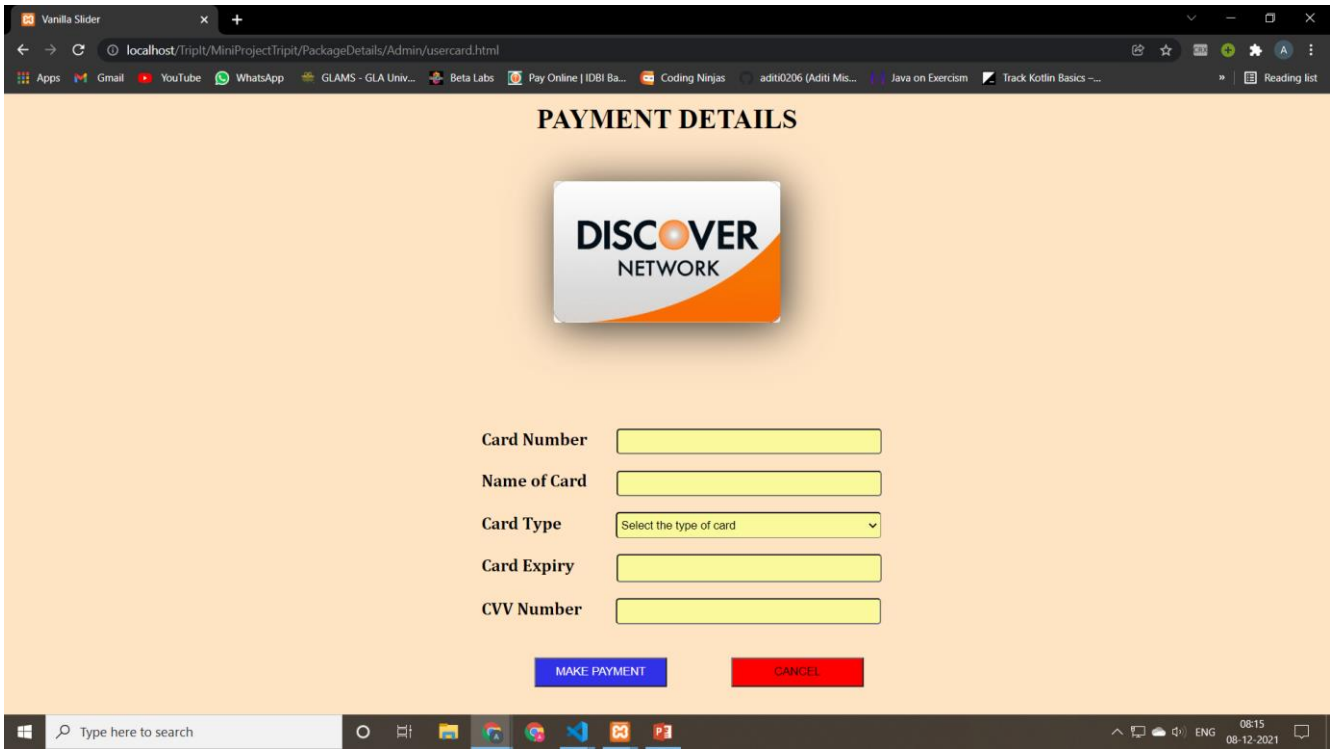
J) PACKAGE DETAIL



K) CANCEL BOOKING



L)PAY NOW PAGE



CHAPTER -7

CONCLUSION

- Online travel booking systems has truly transformed the way people plan their tours along with how travel agencies all over the world offer their services to the individual.
- Online tour and travel site increases engagement level with the customer and develop more sales opportunities without giving much effort. At the same time, one can easily appeal to new & existing customers by new and exciting offers through online travel booking system.
- Emails facilities are the cheapest mode of communication to distant places.
- Whether it is hotel or flight reservations, travel package booking, or any query related to the customer, it helps the travel agencies to properly analyse and manage the performance of the business in a positive direction

. • In travel business, resolving the queries of the travellers rapidly is of utmost importance and online travel booking systems help the company achieve just that.

- As we progress further, these concepts will reach heights of popularity. Thus implementation of tour and travel concepts and spreading the knowledge about these will obviously make the system much popular within few days or months

REFERENCES

1. **YouTube:** https://youtu.be/RVJeWKdh288
2. **W3Schools:** https://www.w3schools.com/html/default.asp
3. ***Stack Overflow***: https://stackoverflow.com/