

Travel Booking Website

A PROJECT REPORT



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BONAFIDE CERTIFICATE

This to certify that the project entitled “**Travel Booking Website**”, carried out as Mini Project, is a bonafide work of “**Aakrati Gupta , Yash Agrawal and Prashant Kumar Upadhyay**” who carried out the project work under my supervision.

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We feel thankful to the college staff for giving me such a big opportunity. I believe We will enroll in more such events in the coming future.

Thanking You

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LIVE LINK TO THE PROJECT

<https://aakrati442.github.io/TravelWebsite/>

REPOSITORY OF THE PROJECT

<https://github.com/aakrati442/TravelWebsite>

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ABSTRACT

The proposed travel booking website project aims to create an online platform that enables users to search, compare and book travel-related services including flights, hotels, car rentals, and vacation packages. The website will provide users with a user-friendly interface, intuitive search features, and secure payment options. Additionally, the platform will offer personalized travel recommendations, trip planning tools, and real-time updates on travel alerts and advisories. The ultimate goal of the project is to provide travelers with a one-stop-shop for all their travel needs while also helping them save time and money. The primary goal of an travel booking website is to make others journey easy and fast.

The system is implemented using a 3-tier approach, with a backend database, a middle tier of a web browser as the front end client in order to develop a travel booking website, a number of Technologies must be studied and understood.

These include multi-tiered architecture, server and client side scripting techniques, implementation technologies such as PHP, BOOTSTRAP. HTML5,CSS , relational databases (such as firebase). This is a project with the objective to develop a basic website where a consumer is provided with features of making their journey fast, customised, safe and secure.

GRAPHICAL ABSTRACT



ABBREVIATIONS

1. HTML	Hyper Text Markup Language
2. CSS	Cascading Style Sheets
3. JS	JavaScript
4. IT	Information Technology
5. UI	User Interface
6. VS	Visual Studio

Chapter-1

INTRODUCTION

1.1 Overview

A platform for searching and reserving travel-related goods and services, such as flights, accommodations, rental cars, and vacation packages, is a travel booking website. These websites frequently compile information from several sources and provide it in an intuitive style, enabling consumers to quickly evaluate costs and choices. Websites for booking travel include Expedia, Orbitz, Travelocity, and Kayak, to name a few. Overall, online travel agencies have emerged as a vital resource for those trying to organise vacations quickly and affordably. These websites have made it simpler than ever for customers to plan and reserve their trip plans by offering a consolidated platform for browsing and booking travel-related goods and services.

1.2 Background Study

A travel booking website is an online platform that enables travelers to book various travel-related services, such as flights, hotels, car rentals, activities, and more. These websites typically provide users with access to a broad range of options, allowing them to compare prices, read reviews, and make bookings quickly and easily.

The tourist sector throughout the world is expanding every year. So why not capitalise on people's desire to see the world by making some money? Even though creating a travel website could be difficult, an ambitious entrepreneur has a variety of possibilities. And we'll go through the features and resources needed for such a project's successful launch in this post. We'll also address how to create a trip booking website.

1.3 Project PlanningBackground Study

1.4

Project planning is part of project management, which relates to the use of schedules such as Gantt charts to plan and subsequently report progress within the project environment. Initially, the project scope is defined and the appropriate methods for completing the project are determined. Following this step, the durations for the various tasks necessary to complete the work are listed and grouped into a work breakdown structure. The logical dependencies between tasks are defined using an activity network diagram that enables identification of the critical path. Float or slack time in the schedule can be

calculated using project management software. Then the necessary resources can be estimated and costs for each activity can be allocated to each resource, giving the total project cost. At this stage, the project plan may be optimized to achieve the appropriate balance between resource usage and project duration to comply with the project objectives. Once established and agreed, the plan becomes what is known as the baseline. Progress will be measured against the baseline throughout the life of the project.

1.5 Timeline

January 1-30	Requirement Specification, Built up Model
February 1-28	Designing of Website and User Interface
March 1-30	Implementation started. Built Apps and website.
April 1-20	Completed Project. Testing. User Review.
April 21-25	Project Presentation and Report Submission.

1.6 Organization of Report

Chapter 1 gives the introduction to the project specifying the need of the project, various problems which would be solved through the project and the various tasks required to be performed for completion of the project. It also tells the timeline of various activities performed.

Chapter 2 specifies the problem statement and the goals and objectives of the project.

Chapter 3 gives details about the model and design of the project. Various constraints are also discussed here. It gives the structure of the website. It provides all the details about each section provided in the website.

Chapter 4 talks about how the design is implemented using various technologies.

Chapter 5 concludes the project and gives the future scope.

Chapter-2

GOALS AND OBJECTIVES

2.1 Problem Statement

Despite the rise in popularity of online travel booking services, a platform that offers customers a thorough, user-friendly, and customised booking experience is still required. Many currently available trip booking websites have a limited selection of travel-related goods and services, and using them can be cumbersome and annoying. Additionally, some users can find it difficult to make judgements due to the abundance of information provided.

2.2 Goals and Objectives

There are several goals:

1. A Website to showcase various web creations.
2. A platform that works well on all devices such as mobiles, laptops etc.
3. User Friendly User Interface.
4. Several Functions for users.
5. To Get In Touch With Customers.
6. To Display Our Services.

Chapter-3

DESIGN FLOW

3.1 Hardware and Software Requirements

- HTML, CSS, PHP and JAVASCRIPT
- XAMPP
- VS CODE
- Google Firebase
- Version Control and Hosting: GitHub
- Processor: i5 or above
- Minimum 4GB RAM
- Windows Operating System.
- GitHub

3.2 Project Design

The website has various sections such as: -

1. Header
2. Home
3. About Us
4. Categories
5. Contact Us
6. Enquire Us
7. Footer
8. Feedback Us
9. Book Now Page
10. Feedback Form
11. Firebase
12. PHP Backend

Header: This contains our logo and Navigation Bar.

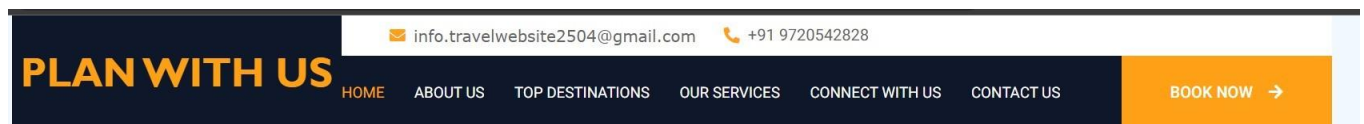


Figure 1: Header with Navigation bar

Home: It has our homepage banner and some text which introduces the user to our website.



Figure 2: Home

About Us: Have a look on the insight of our website

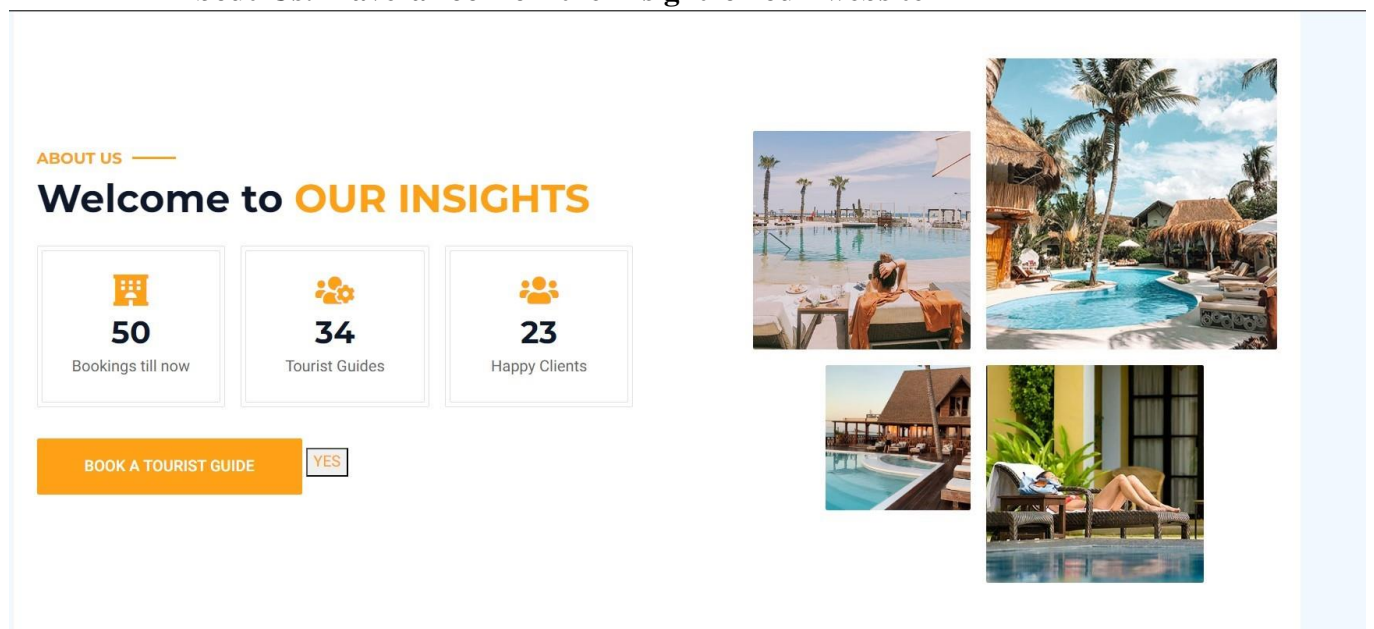


Figure 3: About Us

Top Destinations : It contains out top most selected and famous destinations.

— HAVE A LOOK BOOK ON —

Our popular DESTINATIONS

Figure 4: Top Destinations

Our Services: It contains information to all our services provided by the company

— OUR SERVICES —

Explore Our SERVICES

Three icons are displayed in a row, each within a square frame. The first icon is a stylized orange building with a central entrance and windows. The second icon is a stylized orange leaf or flame shape. The third icon is a stylized orange person figure with arms and legs.

Figure 5: Our services

Connect With Us: Meet the developers Lets **CONNECT**

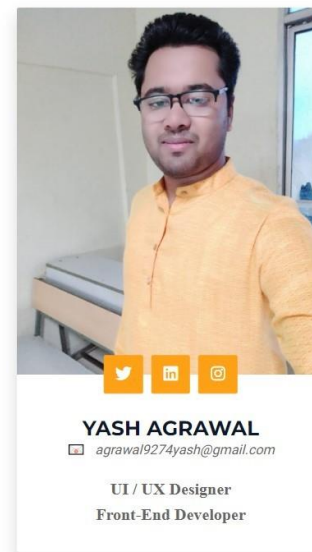


Figure 6: Connect With Us

Contact Us: Last but not the least there is a section to display our details to contact us.

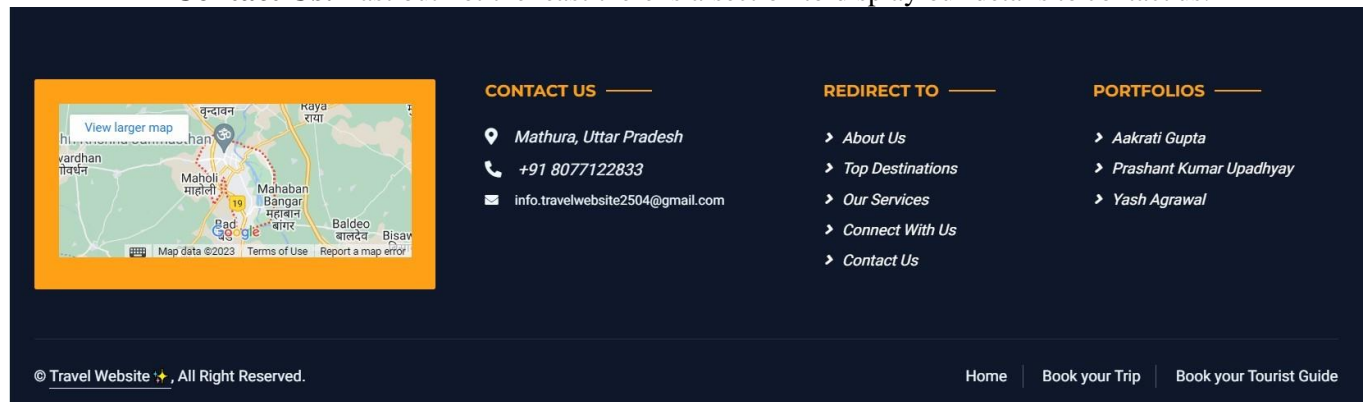


Figure 7: Contact Us

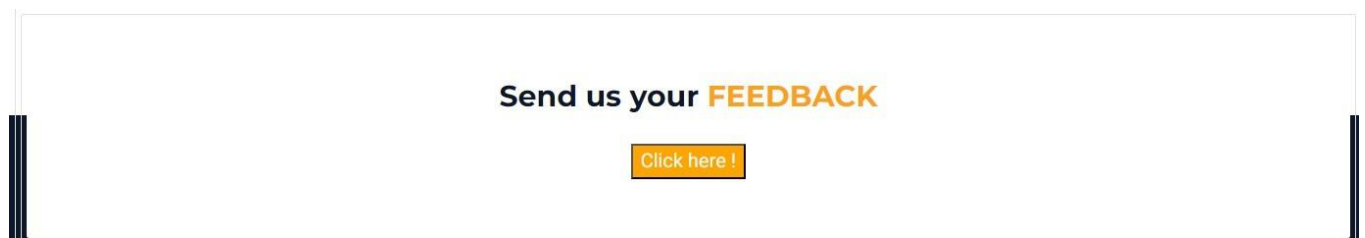
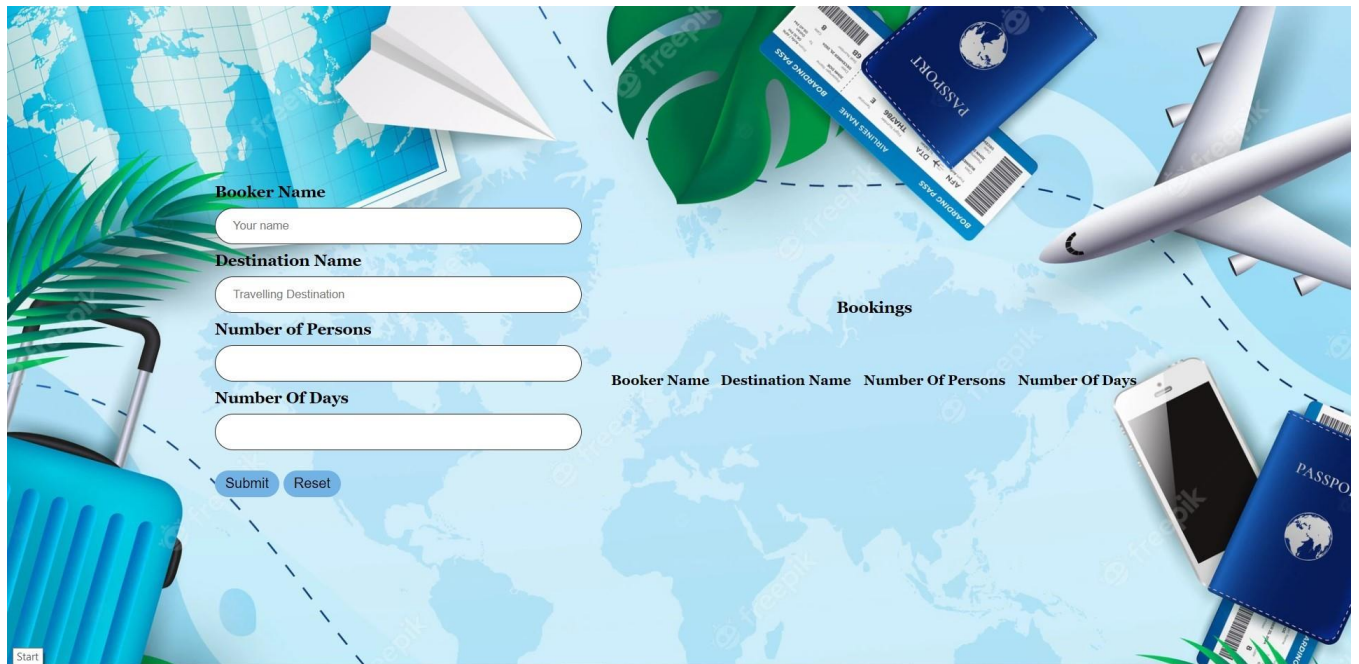


Figure 8: Feedback



Booker Name

Destination Name

Number of Persons

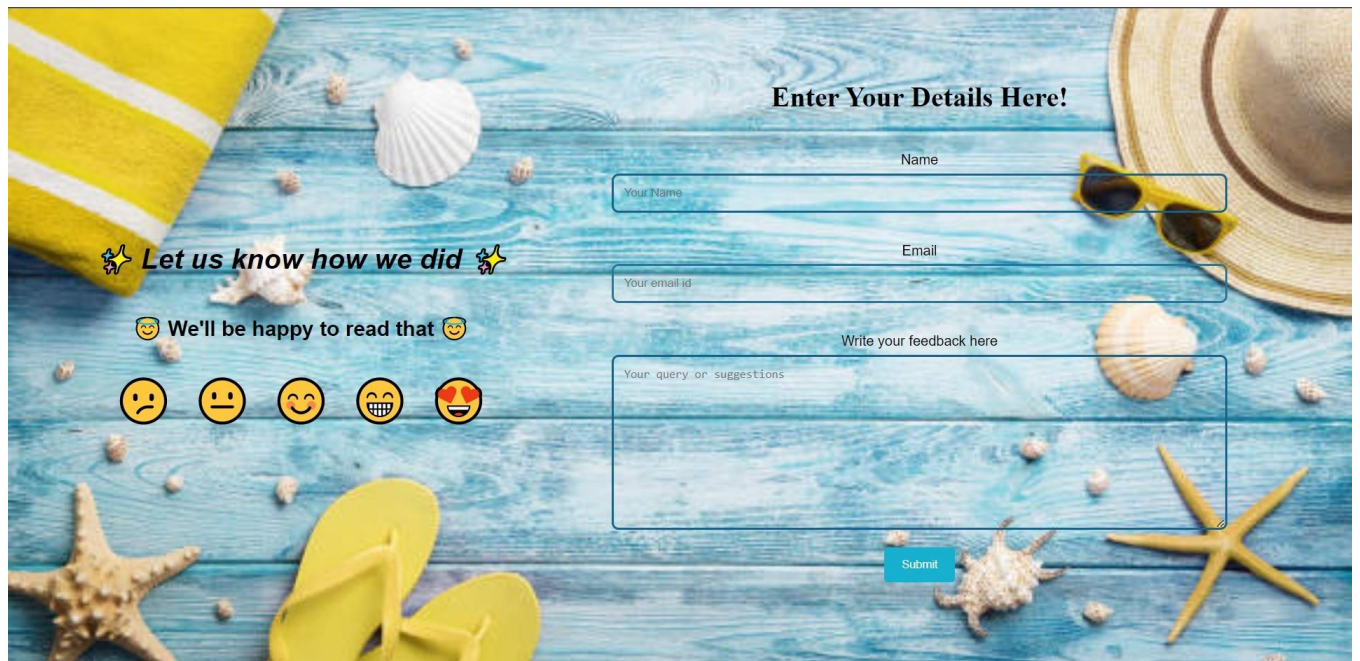
Number Of Days

Bookings

Booker Name	Destination Name	Number Of Persons	Number Of Days

Start

Figure 9: Book Now



Enter Your Details Here!

Name

Email

Write your feedback here

🌟 *Let us know how we did* 🌟

😊 We'll be happy to read that 😊

☐ 😞
 ☐ 😐
 ☐ 😊
 ☐ 😄
 ☐ 🥰

Figure 10: Feedback Page

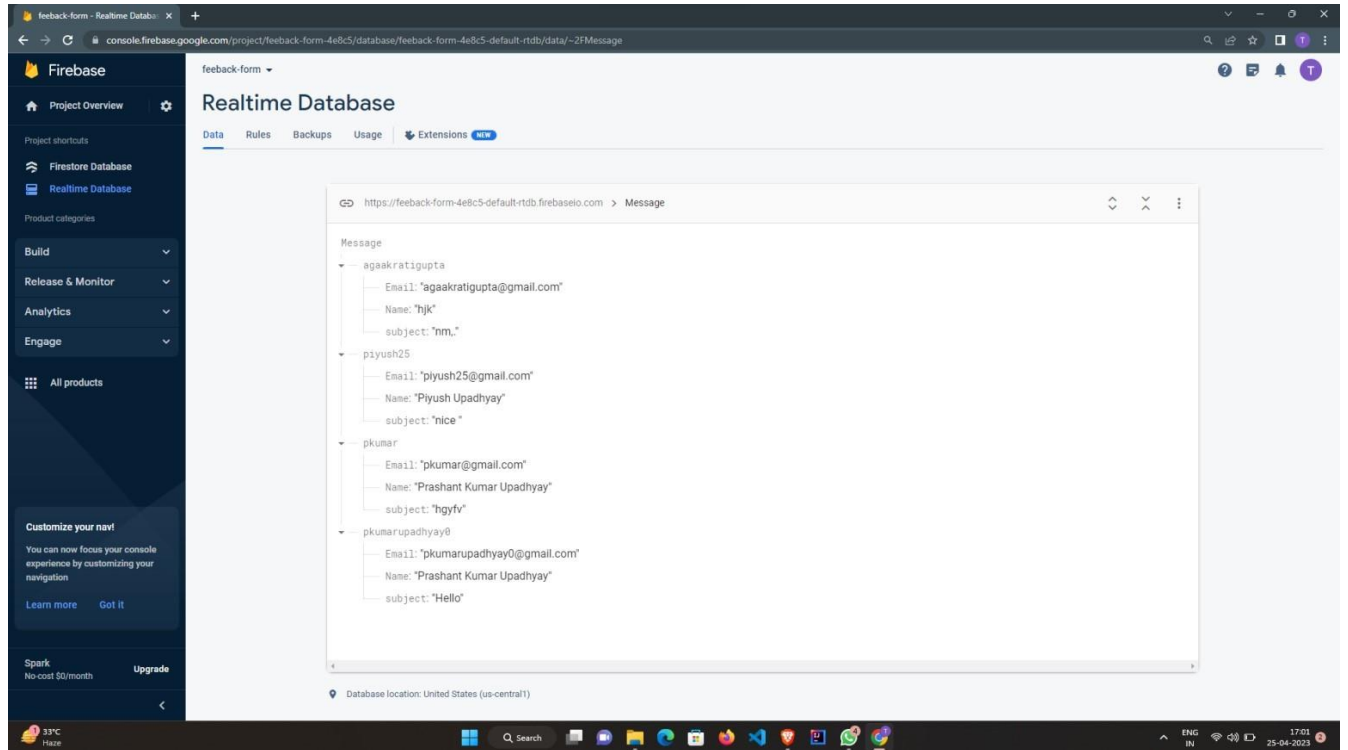


Figure 11: Firebase

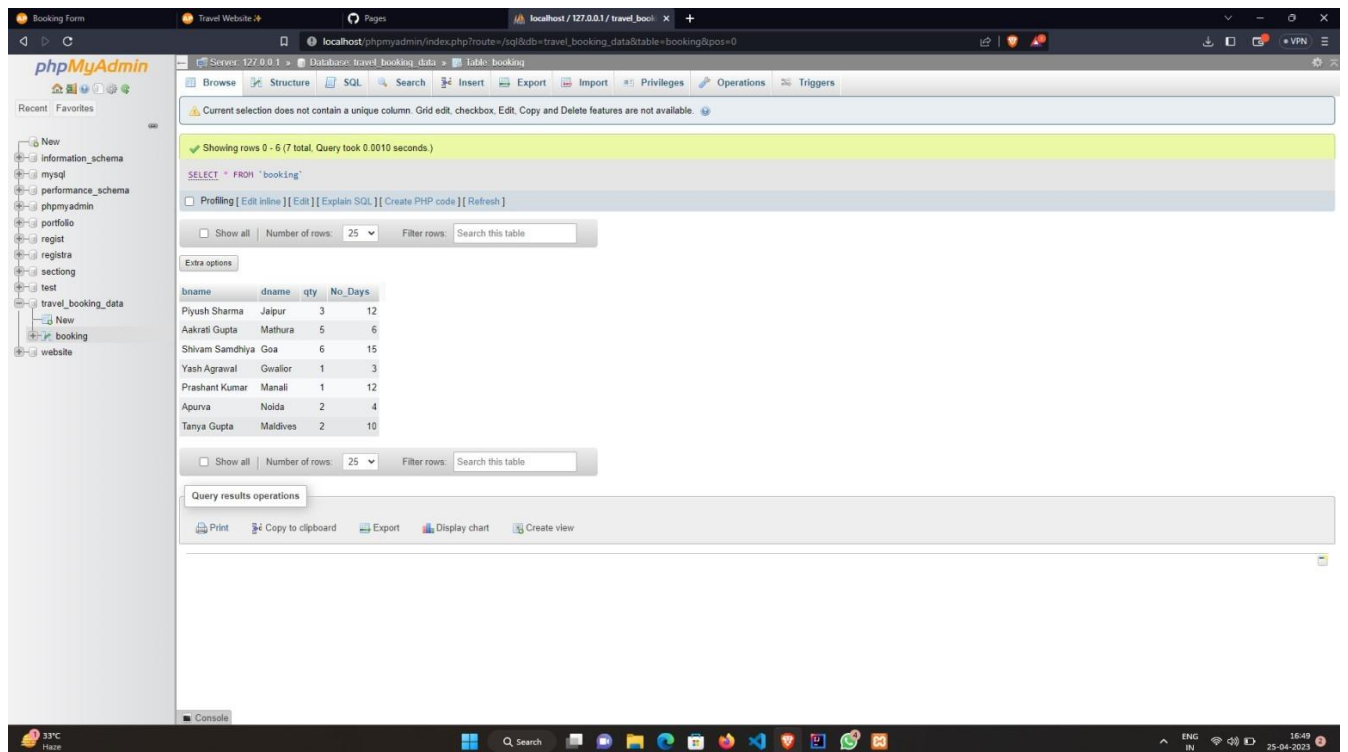


Figure 12: PHP Backend

Technologies

1.HTML(Hyper text Markup Language):-

HTML (Hyper Text 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).



2.CSS(Cascading Styling Sheet):-

Cascading Style Sheets (CSS) is a style sheet language used for describing the presentation of a document written in a markup language such as HTML . CSS is a cornerstone technology of the World Wide Web, alongside HTML and JavaScript. CSS is designed to enable the separation of content and presentation, including layout, colors, and fonts.



3.JavaScript :-

JavaScript is a scripting language that enables you to create dynamically updating content, control multimedia, animate images, and pretty much everything else. (Okay, not everything, but it is amazing what you can achieve with a few lines of JavaScript code.)



4. Google Firebase :-

Firebase is an app development platform that helps you build and grow apps and games users love. Backed by Google and trusted by millions of businesses around the world. Firebase provides detailed documentation and cross-platform SDKs to help you build and ship apps on Android, iOS, the web, C++, and Unity.



5. PHP:-

PHP(short for Hypertext PreProcessor) is the most widely used opensource and general purpose server side scripting language used mainly in web development to create dynamic websites and applications. It was developed in 1994 by Rasmus Lerdorf. A survey by W3Tech shows that almost 79% of the websites in their data are developed using PHP.



Conclusion

In today's economy, change with time and technology is a need and open up to think creatively. In order to increase revenue, Also it is a platform that offers travelers the ability to search for, compare, and book travel-related services such as flights, hotels, car rentals, and tours. The convenience and flexibility of online travel booking have made it a popular choice for travelers around the world. The companies that use it as a reason for completely re-designing their business and its processes are likely to reap the greatest benefits. Moreover, an organization can easily showcase its work, products and services to more number of customers across the globe. It helps the customer to access to our services and company all over the world. They are the best use of internet and web to carry out business digitally covering a wide range of different sectors of business. The websites serve largely as a conduit for people who want to share information with those who want to access it.

Travellers may plan and book their vacations easily and successfully using a travel booking website. Finding the greatest offers for flights, lodgings, and activities is simple thanks to the huge range of options and pricing offered by these websites. Travellers may make educated selections and have a flawless journey with the additional advantage of user evaluations and ratings.

Future work

As a result of technological advancements and shifting consumer preferences, it is likely that online travel booking will continue to develop quickly in the future.

Business organizations are able to send messages worldwide with the help of electronic medium, explore new markets and reach globally at lower cost. Ecommerce helps to attract customers and business clients from anywhere in the world due to global reach of the internet.

In a survey it is said that online websites will replace almost 60-70% market to offices handling business online.

The advent of technology has energized the shopping mobility. The future of online travel booking is likely to be shaped by a combination of advanced technology and changing consumer preferences.

Reference

- [W3school](#)
- [Javatpoint](#)
- [BetaLab.in](#)
- [GFG](#)
- [MDN Web Docs](#)