PROJECT REPORT

On

"MyTicket.com"

Department of Computer Engineering & Applications
GLA UNIVERSITY

GLA University
Mathura- 281406, INDIA
2022-2023

SUBMITTED BY:-   SUBMITTED TO:-

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Declaration

We hereby declare that the work which is being presented in the Online Bus Ticket Reservation System Project "**MyTicket.com",** in partial fulfilment of the requirements for MyTicket.com Project viva voce, is an authentic record of our own work carried by the team members under the supervision of our mentor Miss. Gurpreet Kaur.

Group Members:

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Course: B.Tech (Computer Science and Engineering)

Year: 3rd

Semester: 5th

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Certificate

This is to certify that the above statements made by the candidates are correct to the best of my/our knowledge and belief.

_____   Supervisor

Miss. Gurpreet Kaur

Technical Trainer

Dept of CEA, GLA University

_____   _____

Project Mentor   Program Coordinator

(Miss. Gurpreet Kaur)   (Mr. Shashi Shekar)

About the Project

Online Bus Ticket Reservation System is a Web based application that works within a centralized network. This project presents a review on the software program "Online Bus Ticket Reservation System" as should be used in a bus transportation system, a facility which is used to reserve seats, on regular basis buses and different types of route enquiries used on securing quick reservations. Online Bus Ticket Reservation System is built for managing and computerizing the traditional database, ticket booking and tracking bus and travel made. It maintains all customer details, bus details, reservation details which the admin can manage. In order to achieve the design, Red Bus Company was chosen as a case study because of its strategic importance to Booking Status. In addition , HTML , CSS and JS is used for frontend in the software while the back end was designed using PHP using Xampp Server. The software achieved is capable of improving the customer hand and relationship management. It is recommended that despite the present functionality of the designed software, an additional functionality such as the use of E-mail to send tickets to the customer and an online payment using credit cards/debit cards should be implemented into the system.

Motivation

The " MyTicket.com" website has been developed to solve the queries of users regarding the booking of tickets and the issues faces by the users at the booking time. We have seen that in many cities there is less public transporation and the buses are not on a particular time and on daily basis So we decided to start this service. This step lead to a positive impact to the people who are facing difficulty in travelling on daily basis. This platform is make to help people. This website basically help the users to book ticket on their requirement basis and on their suitable time . Users can type their query and can get relevant and up to the mark answers.

Requirements

a). Software Requirements:

- Technology Implemented: Web Technology
- Languages/Technologies Used: HTML,CSS,JS & PHP
- IDE Used: VSCode , XAMPP Server
- Web Browser: Google Chrome

- GitHub: GitHub is a code hosting platform for version control and collaboration. It lets you and others work together on projects from anywhere. GitHub Repository: A GitHub repository can be used to store a development project. It can contain folders and any type of files (HTML, CSS, JavaScript, Documents, Data, Images). A GitHub repository should also include a license file and a README file about the project. A GitHub repository can also be used to store ideas, or any resources that you want to share.

- XAMPP Server: XAMPP is one of the widely used cross-platform web servers, which helps developers to create and test their programs on a local webserver. It was developed by the **Apache Friends**, and its native source code can be revised or modified by the audience. It consists of **Apache HTTP Server, MariaDB, and interpreter** for the different programming languages like PHP and Perl. It is available in 11 languages and supported by different platforms such as the IA-32 package of Windows & x64 package of macOS and Linux.

b). Hardware Requirements:

- Processor Required: Intel i3
- Operating System: Windows 10
- RAM: 4GB
- Hardware Devices: Computer System
- Hard Disk: 256GB

Acknowledgement

We thank the almighty for giving us the courage and perseverance in completing the project. This project itself is an acknowledgement for all those people who have given us their heartfelt co-operation in making this project a grand success.

We extend our sincere thanks to Miss. Gurpreet Kaur, Technical Trainer at "GLA University, Mathura" for providing his valuable guidance at every stage of this project work. We are profoundly grateful towards the unmatched services rendered by him. And last but not least, we would like to express our deep sense of gratitude and earnest thanks giving to our dear parents for their moral support and heartfelt cooperation in doing the project.

MyTicket.com

Abstract

The "MyTicket.com" has been developed to override the problems faced by the users in their daily life regarding ticket booking . This website is designed for the particular need to reserve the ticket for the user on the basis of their requirement. This website helps you to provide as much facility as it can be. No formal knowledge is needed for the user to use this website. The user only need a device and an internet connection.

Contents

Introduction

Online Bus Reservation System is a Web based application that works on a centralized network . This system is basically for the reservation of confirm seats in the bus. The main aim of this project is to resolve the problem which is faced by the user in their daily life , so this system will help the users to book their ticket in more efficient way . Customer can buy the bus ticket over the Internet, 24 hours a day,7days a week and the bus left behind.

In addition, the online system lets the customers check the availability of the bus ticket before they buy bus ticket.

The main objectives of the online system include:

To provide a web-based bus ticket buying functions. Customer can buy bus ticket the Online system and no need to queue up to buy bus ticket at the counter.

To enable customer to check the availability of the us ticket online. Customer can check the time departure and arrival for every Transnational's bus through the system.

To ease the bus ticket payment by online. Customer has to pay the bus ticket through credit/debit cards.

To reduce the number of staff at the point of sale. The number of staff at the counter can be reduced after the online buying bus ticket system launch.

Technologies Used

HTML

HTML is the standard markup language for creating Web pages. The first Version of HTML was written by Tim Berners-Lee in 1993.

- HTML stands for Hyper Text Markup Language
- HTML is the standard markup language for creating Web pages
- HTML describes the structure of a Web page
- HTML consists of a series of elements
- HTML elements tell the browser how to display the content
- HTML elements label pieces of content such as "this is a heading", "this is a paragraph", "this is a link", etc.

CSS

CSS is the language we use to style a Web page. Cascading Style Sheets is used to style and layout web pages — for example, to alter the font, color, size, and spacing of your content, split it into multiple columns, or add animations and other decorative features.

- CSS stands for Cascading Style Sheets
- 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

JavaScript:

JavaScript was invented by Brendan Eich in 1995.

It was developed for Netscape 2, and became the ECMA-262 standard in 1997.

JavaScript is a scripting language that is one of the three core languages used to develop websites. Whereas HTML and CSS give a website structure and style, JavaScript lets you add functionality and behaviors to your website, allowing your website's visitors to interact with content in many imaginative ways.

JavaScript is primarily a client-side language, meaning it runs on your computer within your browser. However, more recently the introduction of Node.js has allowed JavaScript to also execute code on servers.

Since its release, JavaScript has surpassed Java, Flash, and other languages because it is relatively easy to learn, has a free and open community, and, most importantly, is incredibly useful, allowing developers to quickly create apps with audiences in the millions.

PHP

A brief intro to PHP: PHP is the most popular server-side scripting language. It is designed for web development and general-purpose programming in 1994 by Rasmus Lerdorf. With over two decades of development, PHP has seen both the highs and lows. Now, PHP is managed by The PHP Group and is in continuous development. PHP stands for Hypertext Pre-processor which was changed from the initial name of "Personal Home Page".

PHP is mainly used in conjunction with HTML code, web content management system, web template systems, and other popular web frameworks. The PHP language is processed by the server or the Common Gateway Interface (CGI). Either way, it can be used to create an amazing web application where the PHP code is always executed on the server-side. You can also execute PHP code with the help of a command-line interface (CLI). Furthermore, it can also be used to implement a graphical application that is standalone in nature.

XAMPP Server

XAMPP is a free solution stack for website developers that includes a web server, database server, and scripting engines. XAMPP lets you install the Apache web server, MariaDB database, Perl, and PHP scripting languages in one installation. While XAMPP is ideal for educational purposes, the single installer is not recommended for production environments.

AMMPS,LAMP,MAMP, and WAMP Server are alternatives to XAMPP. Each of the applications gives you Apache, MySQL and PHP. MySQL is now considered to be MariaDB since the database was bought by Oracle. While WAMP Server only offers PHP, the rest of the apps deliver the Perl and Python languages in addition to PHP.

Project Code:

```html
<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <script src="https://kit.fontawesome.com/1a28c72721.js"
crossorigin="anonymous"></script>
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link rel="stylesheet" href="./style.css">
    <link rel="stylesheet" href="./index.js">
    <title>MiniProject</title>
</head>

<body>
    <section>
        <div id="background-img">
            <center>
                <div id="navbarItems">
                    <nav>
                        <span id="span1"> MyTicket<i>.com</i></span>
                        <ul id="sideMenu">
                            <li><a class="navBar" href="#">Home</a></li>
                            <li><a class="navBar" href="#about">About us</a></li>
                            <li><a class="navBar" href="#">Services</a></li>
                            <li><a class="navBar"
href="./bus_details.html">Buses</a></li>
                            <li><a class="navBar" href="./chatboat.html">Contact</a></li>
                            <li><a class="navBar" href="#"
onclick="Login()">Login</a></li>
                            <i class="fa-solid fa-xmark" onclick="closeMenu()"></i>

                        </ul>
                        <i class="fa-solid fa-bars" onclick="openMenu()"></i>
                    </nav>
                    <img id="avtar" src="./images/avatar.png" alt="Login"
onclick="Login()">
                </div>
            </center>
            <span class="span3"><marquee behavior="scroll" direction="left">Welcome to
Online Ticket Reservation System</marquee> </span>
```

```html
            <div id="container1">
                <div id="container1-width">
                    <div id="container1-content">
                        <h1><em style="color: green;">MyTicket.com</em> is India's
largest <br> online bus ticketing platform</h1><br> This has transformed bus travel in
the country by bringing ease and convenience to millions of Indians who travel using
                        buses. Founded in 2006, MyTicket.com is part of India's leading
online travel company MakeMyTrip Limited (NASDAQ: MMYT). By providing widest choice,
superior customer service, lowest prices and unmatched benefits, MyTicket.com
                        has served over 18 million customers. MyTicket.com has a global
presence with operations across Indonesia, Singapore, Malaysia, Colombia and Peru
apart from India.
                    </div>
                    <br>
                    <span class="span1">
                <a href="#container2">Book Ticket</a>
                </span>
                </div>

            </div>
        </div>
        <center>
            <div id="container2">
                <div class="getInput">
                    <div class="selectItem">
                        From <br> <select name="From" class="select">
                            <option value="">Select Source</option>
                            <option value="Lucknow">Lucknow</option>
                            <option value="Sitapur">Sitapur</option>
                            <option value="Shahjahanpur">Shahjahanpur</option>
                            <option value="Bareilly">Bareilly</option>
                            <option value="Moradabad">Moradabad</option>
                            <option value="Rampur">Rampur</option>
                            <option value="Hapur">Hapur</option>
                            <option value="Ghaziabad">Ghaziabad</option>
                            <option value="Merut">Merut</option>
                            <option value="Muzaffarnagar">Muzaffarnagar</option>
                            <option value="Aligarh">Aligarh</option>
                            <option value="Mathura">Mathura</option>
                            <option value="Hathras">Hathras</option>
                            <option value="Agra">Agra</option>
                            <option value="Mainpuri">Mainpuri</option>
                            <option value="Ethawa">Ethawa</option>
                            <option value="Firozabad">Firozabad</option>
```

```html
            <option value="Kanpur">Kanpur</option>
            <option value="Varanasi">Varanasi</option>
            <option value="Allahabad">Allahabad</option>
            <option value="Lakhimpur">Lakhimpur</option>

        </select>
    </div><br>
    <div class="selectItem">
        To <br> <select name="To" class="select">
            <option value="">Select Destination</option>
        <option value="Lucknow">Lucknow</option>
        <option value="Sitapur">Sitapur</option>
        <option value="Shahjahanpur">Shahjahanpur</option>
        <option value="Bareilly">Bareilly</option>
        <option value="Moradabad">Moradabad</option>
        <option value="Rampur">Rampur</option>
        <option value="Hapur">Hapur</option>
        <option value="Ghaziabad">Ghaziabad</option>
        <option value="Merut">Merut</option>
        <option value="Muzaffarnagar">Muzaffarnagar</option>
        <option value="Aligarh">Aligarh</option>
        <option value="Mathura">Mathura</option>
        <option value="Hathras">Hathras</option>
        <option value="Agra">Agra</option>
        <option value="Mainpuri">Mainpuri</option>
        <option value="Ethawa">Ethawa</option>
        <option value="Firozabad">Firozabad</option>
        <option value="Kanpur">Kanpur</option>
        <option value="Varanasi">Varanasi</option>
        <option value="Allahabad">Allahabad</option>
        <option value="Lakhimpur">Lakhimpur</option>
        </select>
    </div>

</div>
<div class="getInput">
    <div class="selectItem">
        Time <br> <select name="Time" class="select">
            <option value="">Select Time</option>
            <option value="1:00am">8:00am</option>
            <option value="2:00am">11:00am</option>
            <option value="3:00am">2:00pm</option>
            <option value="4:00am">5:00pm</option>
            <option value="5:00am">9:00pm</option>
        </select>
```

```html
                    </div><br>
                    <div class="selectItem">
                        Date Of Journey <br>
                        <input type="date" name="When" id="selectDate">

                    </div>
                </div>
                <div class="getInput">
                    <button type="submit" id="submit" onclick="OpenTform()">Submit
Button</button>
                </div>
            </div>
        </center>
        <div id="about">
            <div id="about-content">
                <span style="color: orangered; font-weight:bold; font-size:22px">About
MyTicket</span><br><br>
                <div>Enjoy the following exclusive features on the MyTicket.com Last
Minute Booking - In a hurry to book a bus at the last minute? Choose the bus passing from
your nearest boarding point and book in a few easy steps. Boarding Point Navigation
                    - Never lose your way while travelling to your boarding point!
Comprehensive Ticket Details- Everything that you need to make the travel hassle free -
rest stop details, boarding point images, chat with co-passengers, wake-up
alarm and much more!</div><br>
                <i class="fa-sharp fa-solid fa-circle-check"></i>
                <span style="margin-right: 50px;">Brilient Client Service</span><br>
                <i class="fa-sharp fa-solid fa-circle-check"></i>
                <span>User Experience</span><br>
                <i class="fa-sharp fa-solid fa-circle-check"></i>
                <span style="margin-right: 110px;">24/7 Support</span><br>
                <i class="fa-sharp fa-solid fa-circle-check"></i>
                <span>Free Consultations</span><br>
                <i class="fa-sharp fa-solid fa-circle-check"></i>
                <span>Quick Tips and Advice</span><br>
                <br>
                <button type="button" id="more-about-us" onclick="moreAboutUs()">More
About Us</button>
            </div>
            <div id="about-img"></div>
        </div>

        <div id="footer">
            <div id="footer-content">
                <div id="handlers">
                    <span id="span1"> MyTicket<i>.com</i></span><br><br>
```

```html
                    <div style="color: white; margin-left: 10px;">FREE Full Refund due to
Medical Reasons: MyTicket.com brings an extraordinary offer in these tough times! Get
full refund for domestic ticket in case you cancel it due to medical sickness. Best Part
- There are ZERO extra charges for
                        this service
                    </div>
                    <i class="fa-brands fa-square-facebook"></i>
                    <i class="fa-brands fa-square-twitter"></i>
                    <i class="fa-brands fa-square-instagram"></i>
                    <i class="fa-brands fa-square-youtube"></i>
                </div>
                <div class="links-and-info">
                    <h1 style="color: white;">Quick Links</h1><br>
                    <div>
                        <i class="fa-solid fa-angle-right"></i>
                        <a class="a-tag" href="#navbarItems">Home</a></div>
                    <div>
                        <i class="fa-solid fa-angle-right"></i>
                        <a class="a-tag" href="#about">About Us</a></div>
                    <div>
                        <i class="fa-solid fa-angle-right"></i>
                        <a class="a-tag" href="#navbarItems">Services</a></div>
                    <div>
                        <i class="fa-solid fa-angle-right"></i>
                        <a class="a-tag" href="#navbarItems">Login</a></div>
                </div>
                <div class="links-and-info" style="width: 280px;">
                    <h1 style="color: white;">Contact Info</h1><br>
                    <div style="display: flex; justify-content:space-between; word-wrap:
break-word;">
                        <i class="fa-solid fa-location-dot"></i>
                        <span class="contact-info">Near ISBT , Behind Bhagwan Talkies,
Agra,India 281406</span>
                    </div>
                    <br>
                    <hr><br>
                    <div>
                        <i class="fa-sharp fa-solid fa-phone"></i>
                        <span class="contact-info">(+91) 9917852543</span>
                    </div>
                    <br>
                    <hr><br>
                    <div>
                        <i class="fa-solid fa-envelope"></i>
                        <span class="contact-info">myticket567@gmail.com</span>
```

```html
                    </div>
                </div>
            </div>
            <br><br>

        </div>
    </section>


</body>
<script>
    function openMenu() {
        document.getElementById("sideMenu").style.right = "0";
    }

    function closeMenu() {
        document.getElementById("sideMenu").style.right = "-200px";
    }

    function Login() {
        window.open('UserLogin.html');
    }

    function OpenTform() {
        window.open('bus_details.html');
    }

    function moreAboutUs() {
        window.open('About.html');
    }
</script>

</html>
```

```css
* {
padding: 0px;
margin: 0px;
scroll-behavior: smooth;
}

#background-img {
background-image: url("./images/background.png");
width: 100%;
height: 810px;
background-repeat: no-repeat;
background-size: cover;
padding-top: 25px;
}
section {
overflow-x: hidden;
}
#navbarItems {
display: flex;
flex-direction: row;
align-items: center;
justify-content: right;
padding-left: 1.2%;
padding-right: 2%;
border-radius: 10px;
width: 80vw;
height: 70px;
background-color: whitesmoke;
}

#span1 {
font-family: Georgia, 'Times New Roman', Times, serif;
align-items: center;
font-size: 190%;
color: teal;
text-shadow: -1px 0 black, 0 1px black, 1px 0 black, 0 -1px black;
}

nav ul li {
display: inline-block;
list-style: none;
}

.navBar {
font-family: Georgia, 'Times New Roman', Times, serif;
```

```css
text-shadow: -1px 0 wheat, 0 1px wheat, 1px 0 wheat, 0 -1px wheat;
text-decoration: none;
color: black;
margin-left: 1.5vw;
font-size: 18px;
position: relative;
}

nav {
display: flex;
flex-direction: row;
justify-content: space-between;
width: 100%;
align-items: center;
}

.navBar::after {
content: '';
width: 0;
height: 3px;
background-image: linear-gradient(wheat, black, wheat);
position: absolute;
left: 0;
bottom: -6px;
transition: 0.5s;
}

.navBar:hover::after {
width: 100%;
}

#avtar {
width: 40px;
height: 40px;
margin-left: 1%;
}

#container1 {
display: flex;
flex-direction: row;
justify-content: flex-end;
margin-top: 80px;
}

#container1-width {
```

```css
width: 45%;
}

#container1-content {
color: black;
padding: 10px;
font-weight: bolder;
width: 80%;
border-radius: 10px;
background-color: rgba(255, 255, 255, 0.349);
text-shadow: 0 10px 10px white;
}

#container2 {
display: flex;
justify-content: space-between;
width: 74%;
background-color: white;
margin-top: -3vw;
height: 135px;
padding: 50px;
box-shadow: 0 -33px 43px rgb(0 40 85 / 4%), 0 17px 43px rgb(0 40 85 / 16%);
border-radius: 10px;
}

.getInput {
display: flex;
flex-direction: column;
justify-content: space-evenly;
align-items: center;
}

.selectItem {
display: flex;
flex-direction: column;
align-items: flex-start;
}

#submit {
cursor: pointer;
margin-top: 20px;
padding: 10px;
font-size: 1.4vw;
padding-left: 50px;
background-color: orangered;
```

```css
color: white;
padding-right: 50px;
border: none;
border-radius: 10px;
}

.select,
#selectDate {
padding-left: 5px;
padding-right: 10px;
height: 50px;
width: 23vw;
}

#selectDate {
width: 22vw;
}

#submit {
height: 50px;
width: 20vw;
}

#submit:hover {
background-color: black;
}

i {
font-family: Georgia, 'Times New Roman', Times, serif;
justify-content: start;
margin-top: 10px;
font-size: 15px;
color: wheat;
}

.span1 {
font-family: Georgia, 'Times New Roman', Times, serif;
border: 2px solid lightblue;
background-color: rgba(255, 68, 0, 0.590);
width: 168px;
padding: 10px;
padding-left: 20px;
padding-right: 20px;
color: white;
border-radius: 30px;
```

```css
text-decoration: none;
animation: glowing 1300ms infinite;
font-size: 15px;
}

@keyframes glowing {
0% {
background-color: rgba(255, 68, 0, 0.590);
box-shadow: 0 0 5px rgba(255, 68, 0, 0.590);
}
50% {
background-color: orangered;
box-shadow: 0 0 30px orangered;
}
100% {
background-color: rgba(255, 68, 0, 0.590);
box-shadow: 0 0 5px rgba(255, 68, 0, 0.590);
}
}

.span1:active {
box-shadow: 0px 5px 10px black;
transform: translateY(4px);
}

.span1 a {
text-decoration: none;
background: none;
color: white;
}

.span3 {
display: flex;
justify-content: center;
align-items: center;
padding-top: 40px;
font-size: 20px;
}

#about {
width: 95%;
margin-left: 18px;
margin-top: 80px;
display: flex;
justify-content: space-evenly;
```

```css
padding: 20px;
}

#about-content {
height: 75vh;
margin-top: 40px;
width: 40%;
}

#about-img {
height: 75vh;
width: 40%;
border-radius: 10px;
background-image: url("./images/Bus1.png");
background-repeat: no-repeat;
background-size: cover;
background-position: center;
}

.fa-sharp {
color: rgba(255, 68, 0, 0.834);
}

#more-about-us {
cursor: pointer;
margin-top: 20px;
height: 50px;
width: 180px;
padding: 10px;
font-size: 18px;
background-color: rgba(255, 68, 0, 0.834);
color: white;
border: none;
border-radius: 40px;
transition: 0.21s;
}

#more-about-us:hover {
background-color: black;
transform: scale(1) translateY(-10px);
transition: 0.21s;
}

#footer {
margin-top: 80px;
```

```css
padding-top: 120px;
padding-bottom: 10px;
width: 100%;
height: 350px;
background-color: black;
}

#footer-content {
display: flex;
justify-content: space-evenly;
}

#handlers {
width: 20vw;
}

.fa-brands {
margin-top: 30px;
margin-right: 15px;
color: rgba(255, 68, 0, 0.834);
font-size: 3vw;
}

.a-tag {
text-decoration: none;
color: rgba(255, 255, 255, 0.721);
margin-left: 15px;
}

.a-tag:hover {
color: white;
}

.fa-solid {
color: orangered;
}

.contact-info {
color: white;
margin-left: 15px;
}

hr {
border: none;
height: 0.1px;
```

```css
background-color: rgb(106, 99, 99);
}

nav .fa-solid {
display: none;
}

nav ul .fa-solid {
display: none;
}


/* css for small laptops*/

@media only screen and (max-width: 961px) {
#span1 {
margin-left: 5px;
}
nav .fa-solid {
display: block;
font-size: 28px;
color: black;
margin-bottom: 10px;
margin-right: 10px;
}
#avtar {
display: none;
}
.navBar {
text-shadow: none;
}
nav ul {
background: white;
position: fixed;
top: 0;
right: -200px;
width: 200px;
height: 100vh;
padding-top: 50px;
z-index: 2;
transition: right 0.5s;
}
nav ul li {
display: block;
margin: 25px;
```

```
}
nav ul .fa-solid {
position: absolute;
display: block;
top: 25px;
left: 25px;
cursor: pointer;
}
#footer {
padding-bottom: 30px;
}
}


/* css for tablet */

@media only screen and (max-width:758px) {
#container1 {
justify-content: center;
margin-top: 220px;
font-size: 18px;
width: 118vw;
}
#container1-content {
padding-right: 10px;
}
#container1-width {
width: 90%;
}
#container2 {
height: 480px;
flex-direction: column;
width: 65%;
padding-bottom: 50px;
}
.selectItem {
margin-top: 10px;
}
#selectDate {
width: 58vw;
}
.select,
#submit {
width: 60vw;
}
```

```css
#submit {
font-size: 4vw;
}
#about {
width: 80vw;
flex-direction: column;
justify-content: space-evenly;
}
#about-content {
width: 100%;
}
#about-img {
width: 100%;
}
#more-about-us {
font-size: 16px;
}
#footer {
padding-top: 80px;
height: 740px;
padding-left: 20px;
}
#footer-content {
flex-direction: column;
justify-content: space-between;
}
#handlers {
width: 90%;
}
.fa-brands {
font-size: 6vw;
margin-left: 10px;
}
.links-and-info {
margin-top: 40px;
margin-left: 10px;
}
}

@media only screen and (max-width:635px) {
#container1 {
margin-top: 150px;
}
#container2 {
margin-top: -30px;
```

```css
}
}

@media only screen and (max-width:434px) {
#container1 {
margin-top: 80px;
}
#more-about-us {
font-size: 4.5vw;
width: 80vw;
}
}

@media only screen and (max-width:460px) {
#about-img {
margin-top: 30px;
}
}

@media only screen and (max-width:480px) {
marquee {
margin-top: -20px;
font-size: 4.5vw;
behavior: scroll;
}
#container2 {
width: 50%;
}
#selectDate {
width: 55vw;
}
}

/* css for mobile phones */

@media only screen and (max-width:393px) {
#container1 {
margin-top: 30px;
width: 99.4vw;
}
#container1-content {
font-size: 4.5vw;
}
#container1-width {
```

```css
width: 100%;
margin-left: 9vw;
}
#about {
padding: 10px;
}
#about-img {
width: 84vw;
margin-top: 80px
}
.fa-brands {
font-size: 8vw;
}
}
```

PHP Connection And Database :

```php
<?php
$name = $_POST['name'];
$email = $_POST['email'];
$password = $_POST['pwd'];
$contact = $_POST['contact'];

$conn = new mysqli('localhost','root','','bus_service');
if($conn->connect_error){
    die('connection failed' .$conn->connect_error);
}
else{
    $data = mysqli_fetch_assoc(mysqli_query($conn,"select * from registration where
email='$email' "));
    if($data['email']!="$email"){
    $stmt = $conn->prepare("insert into registration(name,email,password,contact)
values(?,?,?,?)");
    $stmt->bind_param("sssi",$name,$email,$password,$contact);
    $stmt->execute();
    echo '<script>alert("Registration successful please login");
    location.href="userlogin.html";
    </script>';
    $stmt->close();
    $conn->close();
    }
```

```php
    else{
        echo "<script> alert('account already exist please login');
            location.href='userlogin.html';
            </script>";
    }
}
?>
```

Log In :

```php
<?php
    $email = $_POST['email'];
    $password = $_POST['password'];

    $conn = new mysqli('localhost','root','','bus_service');
    if($conn->connect_error){
        die('connection failed' .$conn->connect_error);
    }
    else {
        $datae = mysqli_fetch_assoc(mysqli_query($conn,"select * from registration where
email='$email' "));
        // $datap = mysqli_fetch_assoc(mysqli_query($conn,"select * from registration
where password='$password' "));

        if(($datae['email']==$email ) and ($password==$datae['password'])){
            echo '<script>alert("Registration successful");
            location.href="index.html";
            </script>';
            }
            else{
                echo "<script> alert('account does not exist please register');
                location.href='userlogin.html';
                    </script>";
            }
    }

?>
```

Seat Availability

```html
<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <script src="https://kit.fontawesome.com/1a28c72721.js"
crossorigin="anonymous"></script>
    <link rel="stylesheet" href="./seat_vacancy.css">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Bus seats</title>
</head>

<body>
    <center>
        <div id="seat-box">
            <div id="steering">
                <i class="fa-solid fa-circle-radiation" style="color: gray"></i>
            </div>

            <div class="row">
                <div>
                    <i id="s1" class="fa-solid fa-chair" style="color: gray;"></i>
                    <i id="s2" class="fa-solid fa-chair" onclick="select('s2')"></i>
                </div>
                <div>
                    <i id="s3" class="fa-solid fa-chair" onclick="select('s3')"></i>
                    <i id="s4" class="fa-solid fa-chair"  style="color: red;"></i>
                </div>
            </div>
            <div class="row">
                <div>
                    <i id="s5" class="fa-solid fa-chair" onclick="select('s5')"></i>
                    <i id="s6" class="fa-solid fa-chair"  style="color: red;"></i>
                </div>
                <div>
                    <i id="s7" class="fa-solid fa-chair" onclick="select('s7')"></i>
                    <i id="s8" class="fa-solid fa-chair"  style="color: red;"></i>
                </div>
            </div>
            <div class="row">
```

```html
    <div>
        <i id="s9" class="fa-solid fa-chair" onclick="select('s9')"></i>
        <i id="s10" class="fa-solid fa-chair" onclick="select('s10')"></i>
    </div>
    <div>
        <i id="s11" class="fa-solid fa-chair"  style="color: red;"></i>
        <i id="s12" class="fa-solid fa-chair" onclick="select('s12')"></i>
    </div>
</div>
<div class="row">
    <div>
        <i id="s13" class="fa-solid fa-chair" style="color: red;"></i>
        <i id="s14" class="fa-solid fa-chair" onclick="select('s14')"></i>
    </div>
    <div>
        <i id="s15" class="fa-solid fa-chair" onclick="select('s15')"></i>
        <i id="s16" class="fa-solid fa-chair"  style="color: red;"></i>
    </div>
</div>
<div class="row">
    <div>
        <i id="s17" class="fa-solid fa-chair" onclick="select('s17')"></i>
        <i id="s18" class="fa-solid fa-chair"  style="color: red;"></i>
    </div>
    <div>
        <i id="s19" class="fa-solid fa-chair" onclick="select('s19')"></i>
        <i id="s20" class="fa-solid fa-chair"  style="color: red;"></i>
    </div>
</div>
<div class="row">
    <div>
        <i id="s21" class="fa-solid fa-chair"  style="color: red;"></i>
        <i id="s22" class="fa-solid fa-chair"  style="color: red;"></i>
    </div>
    <div>
        <i id="s23" class="fa-solid fa-chair" onclick="select('s23')"></i>
        <i id="s24" class="fa-solid fa-chair"  style="color: red;"></i>
    </div>
</div>
<div class="row">
    <div>
        <i id="s25" class="fa-solid fa-chair" onclick="select('s25')"></i>
        <i id="s26" class="fa-solid fa-chair" onclick="select('s26')"></i>
    </div>
    <div>
```

```html
                    <i id="s27" class="fa-solid fa-chair" style="color: red;"></i>
                    <i id="s28" class="fa-solid fa-chair" onclick="select('s28')"></i>
            </div>
        </div>
        <div class="row">
            <div>
                    <i id="s29" class="fa-solid fa-chair" onclick="select('s29')"></i>
                    <i id="s30" class="fa-solid fa-chair" onclick="select('s30')"></i>
            </div>
            <div>
                    <i id="s31" class="fa-solid fa-chair"  style="color: red;"></i>
                    <i id="s32" class="fa-solid fa-chair" onclick="select('s32')"></i>
            </div>
        </div>
        <div class="row">
            <i id="s33" class="fa-solid fa-chair" onclick="select('s33')"></i>
            <i id="s34" class="fa-solid fa-chair" style="color: red;"></i>
            <i id="s35" class="fa-solid fa-chair"  style="color: red;"></i>
            <i id="s36" class="fa-solid fa-chair" onclick="select('s36')"></i>
            <i id="s37" class="fa-solid fa-chair" onclick="select('s37')"></i>
            <i id="s38" class="fa-solid fa-chair" style="color: red;"></i>
        </div>
        <button type="button" onclick="seatSelected()">Confirm</button>
    </div><br><br><br>
    <div>
        <!-- <i class="fa-solid fa-circle" style="color: black; margin-left:
20px;"></i>
        <span>Empty</span> -->
        <i class="fa-solid fa-circle" style="color: red;"></i>
        <span>Reserved</span>
        <i class="fa-solid fa-circle" style="color: green;"></i>
        <span>Non Reserved</span>
    </div>
    </center>
</body>
<script>
    function select(seat_no) {
        let x = document.getElementById(seat_no).style.color;
        if (x == 'green') {
            document.getElementById(seat_no).style.color = "black";
        } else {
            document.getElementById(seat_no).style.color = "green";
            //document.getElementById(seat_no).onclick = null;
        }
    }
```

```javascript
    function seatSelected() {
        let x = document.getElementsByClassName('fa-chair');
        var flag = 0;
        let len = document.getElementsByClassName('fa-chair').length;
        for (let i = 1; i < len; i++) {
            if (x[i].style.color == 'green') {
                flag = 1;
                x[i].style.color = "gray";
                x[i].onclick = null;
            }
        }
        if (flag == 1) {
            window.open('bookBusTicket.html');
        } else {
            alert('Please select your seat');
        }

    }
</script>

</html>
```

List of Figures

Home Page
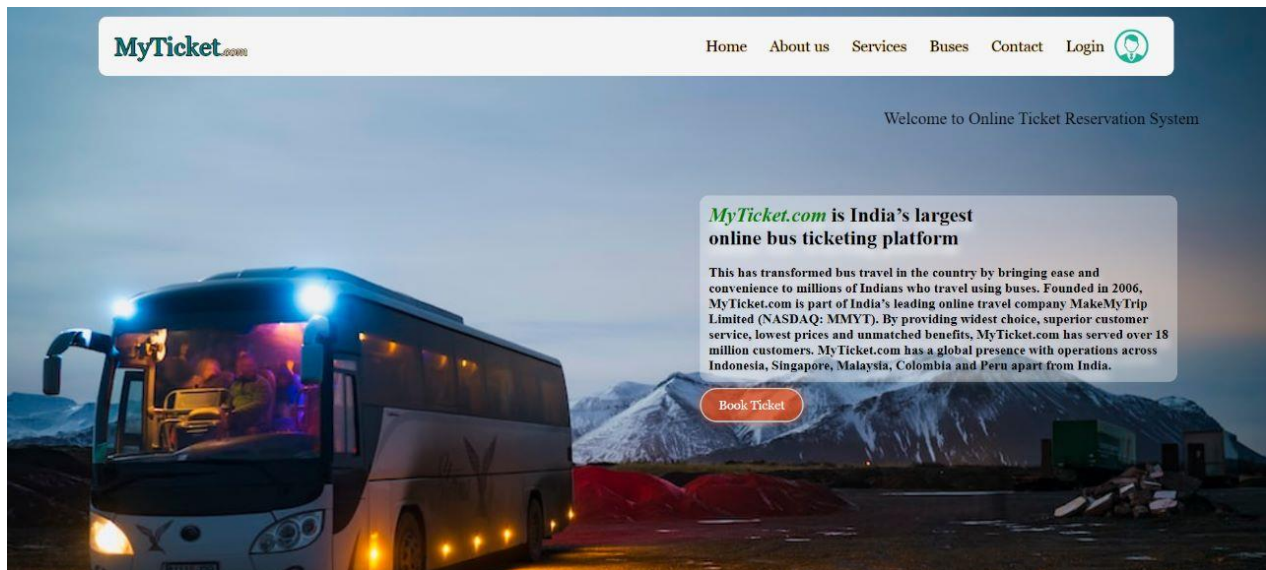
About MyTicket

Enjoy the following exclusive features on the MyTicket.com Last Minute Booking - In a hurry to book a bus at the last minute? Choose the bus passing from your nearest boarding point and book in a few easy steps. Boarding Point Navigation - Never lose your way while travelling to your boarding point! Comprehensive Ticket Details- Everything that you need to make the travel hassle free - rest stop details, boarding point images, chat with co-passengers, wake-up alarm and much more!

- Brilient Client Service
- User Experience
- 24/7 Support
- Free Consultations
- Quick Tips and Advice

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> About Us
> Services
> Login

Contact Info

Near ISBT , Behind Bhagwan Talkies, Agra,India 281406

(+91) 9917852543

myticket567@gmail.com

Login Page:

Login

Username

Password

Login

Don't have an account

Registration Page

Bus Details

busses Found	Sort by :	Departure	Duration	Arrival	Ratting	Price	Seat avilable
Laxmi Bus Servies AC Seater		8:00 am	--	--	--	800.00 INR	--
							View details
Laxmi Bus Servies AC Seater		11:00 am	--	--	--	500.00 INR	--
							View details
Laxmi Bus Servies AC Seater		2:00 pm	--	--	--	500.00 INR	--
							View details
Laxmi Bus Servies AC Seater		5:00 pm	--	--	--	500.00 INR	--
							View details
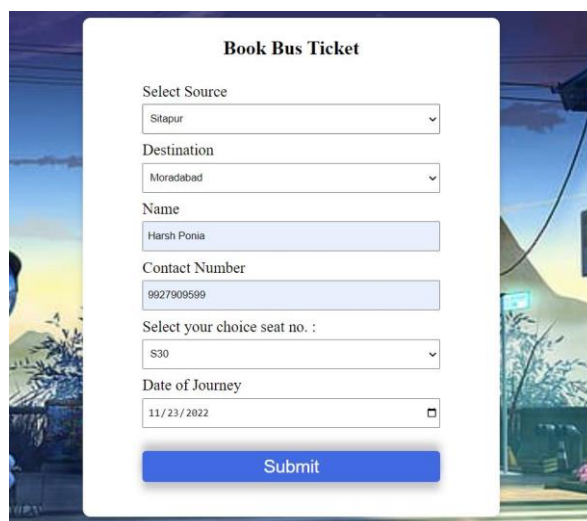
Seat Details

● Reserved   ● Non Reserved

User Details

Payment Gateway

Ticket

Conclusion

We have completed our project within time limit with the coordination of our team members under the supervision of our mentor Miss. Gurpreet Kaur.

Our project repository is available at

https://github.com/HarshPonia/Bus-booking-System.git