MAJOR PROJECT

PARKING LOT MANAGEMENT SYSTEM

Objective of the Project:

The project's main objective is to manage the details of car, Parking, Parking space, and Parking Slots. It manages all the information about car, car number, car owner, token number, entry and exit date. This project is built at the administrative end and only the administrator is guaranteed access. The project aims to build an application program to reduce the manual work for managing the car, parking space details, etc. It tracks all the details about parking spaces, parking slots, and car details.

Functionalities provided by the project:

1. Provides the search facilities based on the car owner’s name.

2. Delete a record of the car

3. Add admins

4. List all vehicles in the parking slot including the exit, entry timings, and the car info and token number.

5. Shows Parking space details like the number of booked slots and the available parking space.

6. Update the record of a car while leaving the parking slot.

Technologies used:

Frontend: HTML, CSS, JAVASCRIPT AND BOOTSTRAP

Backend: PHP

Database: MySQL

Platform: XAMPP

Web Server: Apache Webserver

XAMPP:

XAMPP is an abbreviation where X stands for Cross-Platform, A stands for Apache, M stands for MySQL, and the Ps stand for PHP and Perl, respectively. It is an open-source package of web solutions that includes Apache distribution for many servers and command-line executables along with modules such as Apache server, Mariadb, PHP, and Perl.

XAMPP helps a local host or server to test its website and clients via computers and laptops before releasing it to the main server. It is a platform that furnishes a suitable environment to test and verify the working of projects based on Apache, Perl, MySQL database, and PHP through the host's system. Among these technologies, Perl is a programming language used for web development, PHP is a backend scripting language, and MariaDB is the most vividly used database developed by MySQL. The detailed description of these components is given below.

CODE

1.INDEX.PHP

```
<?php
session_start();
if(!isset($_SESSION["username"])){
   header("location:http://localhost/project1/login.php");
}else{
   ?>
   <!DOCTYPE html>
<html lang="en">
<head>
   <meta charset="UTF-8">
   <meta http-equiv="X-UA-Compatible" content="IE=edge">
   <meta name="viewport" content="width=device-width, initial-scale=1.0">
   <title>Car Parking</title>
   <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/css/bootstrap.min.css"
integrity="sha384-
Gn5384xqQ1aoWXA+058RXPxPg6fy4IWvTNh0E263XmFcJlSAwiGgFAW/dAiS6JXm"
crossorigin="anonymous">

   <link rel="stylesheet" href="css/style.css">
</head>
<body>
   <div class="header">
      <div class="container-fluid">
         <div class="row">
            <div class="col-md-12 text-center" id="header">
               <h1> Parking Lot Management System</h1>
               <div class="left">
                  <img src="images\l2.jpeg" alt="Logo">
```

```
            </div>
            <ul>
              <li><a href="index.php">Home</a></li>
              <li><a href="record.php">All Records</a></li>
              <li><a href="admin.php">Add User</a></li>
              <li><a  href="logout.php">Logout </a></li>
            </ul>
            <div class="right">
             <button class="myBtn">Contact Us</button>
             <button class="myBtn">E-mail Us</button>
            </div>
          </div>
        </div>
      </div>
      <div class="container">
        <div class="row">
          <div class="col-md-6 text-center mb-6">
            <form action="save.php" method="post">
            <div class="formWorks">
            <h2 class="register">Registration Form</h2>
            <div class="input-group mb-3">
              <div class="input-group-prepend">
                <span class="input-group-text" id="owner">Vehicle Owner Name: </span>
              </div>
              <input type="text" name="owner_name" class="form-control">
            </div>
            <div class="input-group mb-3">
              <div class="input-group-prepend">
                <span class="input-group-text"> Vehicle
Name:    </span>
              </div>
```

```
                <input type="text" name="vehicle_name" class="form-control">
              </div>
              <div class="input-group mb-3">
                <div class="input-group-prepend">
                  <span class="input-group-text"> Vehicle Number:   </span>
                </div>
                <input type="text" name="vehicle_number" class="form-control">
              </div>
              <div class="input-group mb-3">
                <div class="input-group-prepend">
                  <span class="input-group-text"> Entry
Date:           </span>
                </div>
                <input type="datetime-local" name="entry_date" class="form-control">
              </div>

              <div class="input-group">
                <div class="input-group-prepend">
                  <span class="input-group-text">Token
Number:       </span>
                </div>
                <input type="number" name="Token" class="form-control">
              </div>
             <input type="submit" class="btn btn-dark my-3">
              </div>

            </form>
          </div>
          <div class="col-md-6">
            <?php
             $conn = Mysqli_connect("localhost", "root", "", "parking_project") or die("conection
failed!");
```

```
            $sql = "SELECT * FROM Vehicle_info";
            $result = mysqli_query($conn, $sql) or die("query Failed");
            $num = mysqli_num_rows($result);
           ?>
        </div>
      </div>
    </div>
</div>
<div id="car">
            <h2 class="tit" style="text-decoration:underline ;">Parking Space Information :</h2>
            <div class="titBody">
            <p>Total space : <span> 50</span> </p>
            <?php
              if($num != 50){
                ?>
                <p>Parking Booked space : <span><?php echo $num ?> </span> </p>
                <p>Total Available space : <span> <?php echo (50-$num) ?></span> </p>
                <?php
              }else{
                echo "<h3>Sorry for that No paking Space avialeble</h3>";
              }
            ?>
            </div>

          </div>
<section>
  <div class="container">
    <div class="row">
      <div class="col-md-12 text-center">
        <h2 class="register1">All Vehicle Entry Records</h2>
      </div>
```

```
        </div>
        <div class="row">
          <div class="col-md-12">
            <div class="input-group">
              <div class="input-group-prepend">
                <span class="input-group-text" >Search</span>
              </div>
               <input type="text" class="form-control" onkeyup="search()" id="text"
placeholder="Search Vehicle Details">
            </div>

           <table class="table table-striped" id="table" >
             <?php
               if($num>0){
               ?>
                 <thead>
               <tr>
                 <th>Owner Name</th>
                 <th>Vehicle Name</th>
                 <th>Vehicle Number</th>
                 <th>Entry Date</th>
                 <th>Token Number</th>
                 <th>Update Record</th>
                 <th>Delete Record</th>
               </tr>
             </thead>
             <?php
             while($row = mysqli_fetch_assoc($result)){
             ?>

             <tbody>
```

```
                <tr>
                  <td><?php echo $row['Owner_name']; ?></td>
                  <td> <?php echo $row['Vehicle_name']; ?> </td>
                  <td><?php echo $row['Vehicle_number']; ?></td>
                  <td> <?php echo $row['Entry_date']; ?></td>
                  <td><?php echo $row['Token_number']; ?></td>
                  <td><a href="update.php?Token_number=<?php echo
$row['Token_number']?>">Exit Date</a></td>
                  <td><a href="delete-inline.php?Token_number=<?php echo
$row['Token_number']?>">Delete</a></td>
                </tr>
              </tbody>
              <?php
              }
              ?>
            </table>
            <?php
            }else{
              echo "No Data found!";
            }
              ?>
          </div>
        </div>
      </div>
    </section>
    <script>
      const search = () =>{
        var input_value = document.getElementById("text").value.toUpperCase();
        var table = document.getElementById("table");
        var tr = table.getElementsByTagName("tr");
        for(var i =0; i<tr.length; i++){
          td = tr[i].getElementsByTagName("td")[0];
```

```
            if(td){
              var text_value = td.textContent;
              if(text_value.toUpperCase().indexOf(input_value)>-1){
                tr[i].style.display = "";
              }else{
                tr[i].style.display= "none";
              }
            }
          }
        }
    </script>
</body>
</html>

 <?php
}
?>
```

2.Login.php

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Car parking</title>
    <link rel="stylesheet" href="admin.css">
</head>
<body>
    <h1>Parking Lot Management System </h1>
```

```
  <div class="form">
    <div class="login-form">
      <h1>Login Admin Form</h1>
      <form action="validate.php" method="post">
        <label for="">Username:</label>
        <input type="text" name="username" placaholder="username"> <br><br>
        <label for="">Password:</label>
        <input type="password" name="password" placaholder="Password"> <br><br>
        <input type="submit" class="submit" value="Login">
      </form>
    </div>
  </div>
</body>
</html>
```

3.Logout.php

```
<?php
session_start();
session_destroy();
header("location:http://localhost/project1/login.php");
?>
```

4.record.php

```
<?php
session_start();
if(!isset($_SESSION["username"])){
  header("location:http://localhost/project1/login.php");
}else{
  ?>
```

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Car Parking</title>
  <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/css/bootstrap.min.css"
integrity="sha384-
Gn5384xqQ1aoWXA+058RXPxPg6fy4IWvTNh0E263XmFcJlSAwiGgFAW/dAiS6JXm"
crossorigin="anonymous">
  <link rel="stylesheet" href="css/style.css">
</head>
<body>

    <div class="container-fluid">
      <div class="row">
        <div class="col-md-12 text-center" id="header">
          <h1> Parking Lot Management System</h1>
          <ul>
            <li><a href="index.php">Home</a></li>
            <li><a href="record.php">All Records</a></li>
            <li><a href="admin.php">Make Parking Admin</a></li>
            <li><a style="color: orange;" href="logout.php">Logout <?php echo
$_SESSION['username']; ?></a></li>
          </ul>
        </div>
      </div>
    </div>

  <section>
```

```
<div class="container">
  <div class="row">
    <div class="col-md-12 text-center">
      <h2 class="register1">All Vehicle Entry And Exit Records</h2>
    </div>
  </div>
  <div class="row">
    <div class="col-md-12">
      <div class="input-group">
        <div class="input-group-prepend">
          <span class="input-group-text" >Search</span>
        </div>
        <input type="text" class="form-control" onkeyup="search()" id="text"
placeholder="Search Vehicle Details">
      </div>

      <table class="table table-striped" id="table" >
        <?php
          $conn = Mysqli_connect("localhost", "root", "", "parking_update_info") or
die("conection failed!");
          $sql = "SELECT * FROM update_info";
          $result = mysqli_query($conn, $sql) or die("query Failed");
          if(mysqli_num_rows($result)>0){
          ?>
            <thead>
          <tr>
            <th>Owner Name</th>
            <th>Vehicle Name</th>
            <th>Vehicle Number</th>
            <th>Entry Date</th>
            <th>Exit Date</th>
            <th>Token Number</th>
```

```
                    <th>Delete Record</th>
                  </tr>
                </thead>
                <?php
                while($row = mysqli_fetch_assoc($result)){
                ?>

                <tbody>
                  <tr>
                    <td><?php echo $row['Owner_name']; ?></td>
                    <td> <?php echo $row['Vehicle_name']; ?> </td>
                    <td><?php echo $row['Vehicle_number']; ?></td>
                    <td> <?php echo $row['Entry_date']; ?></td>
                    <td> <?php echo $row['Exit_date']; ?></td>
                    <td><?php echo $row['Token_number']; ?></td>
                    <td><a href="delete-update.php?Entry_date=<?php echo
$row['Entry_date']?>">Delete</a></td>
                  </tr>
                </tbody>
                <?php
                }
                ?>
              </table>
              <?php
              }else{
                echo "No Data found!";
              }
                ?>
            </div>
          </div>
        </div>
```

```
  </section>
  <script>
    const search = () =>{
      var input_value = document.getElementById("text").value.toUpperCase();
      var table = document.getElementById("table");
      var tr = table.getElementsByTagName("tr");
      for(var i =0; i<tr.length; i++){
        td = tr[i].getElementsByTagName("td")[0];

        if(td){
          var text_value = td.textContent;
          if(text_value.toUpperCase().indexOf(input_value)>-1){
            tr[i].style.display = "";
          }else{
            tr[i].style.display= "none";
          }
        }
      }

    }
  </script>
</body>
</html>

  <?php
}
?>

5.registration.php

<?php
```

```
$username = $_POST['username'];
$pass = $_POST['password'];
$co_pass = $_POST['co-password'];
if($pass == $co_pass){
   $conn = mysqli_connect("localhost", "root", "", "login_info") or die("connection failed!");
   $SQL = "SELECT * FROM admin_info where username = '{$username}' && password = '{$pass}'";
   $result = mysqli_query($conn, $SQL) or die("query failed!");
   $num = mysqli_num_rows($result);
   if($num == 1){
      echo "Your have already exit in database";
   }else{
      $sql = "INSERT INTO  admin_info(username, password) VALUES ('{$username}', '{$pass}')";
      $result = mysqli_query($conn, $sql) or die("query failed!");
      mysqli_close($conn);
      header("location:http://localhost/project1/index.php");

   }
}else{
   echo "Your confirm and password is not same!";
}
?>
```

6.save.php

```
<?php

  $owner_name = $_POST['owner_name'];
  $vehicle_name = $_POST['vehicle_name'];
  $vehicle_number = $_POST['vehicle_number'];
  $entry_date = $_POST['entry_date'];
  $token_number = $_POST['Token'];
```

```
 $conn = mysqli_connect("localhost", "root", "", "parking_project") or die("conection failed!");

 $sql = "INSERT INTO vehicle_info(Owner_name, Vehicle_name, Vehicle_number, Entry_date,
Token_number)
VALUES('{$owner_name}','{$vehicle_name}','{$vehicle_number}','{$entry_date}','{$token_numbe
r}')";

 $result = mysqli_query($conn, $sql) or die("query Failed");

 header("location: http://localhost/project/index.php");

 mysqli_close($conn);

?>
```

7.update.php

```
<?php

 $token_number = $_GET['Token_number'];

 $conn = mysqli_connect("localhost", "root", "", "parking_project") or die("connection failed!");

 $sql = "SELECT * FROM vehicle_info where Token_number = '{$token_number}'";

 $result = mysqli_query($conn, $sql) or die("Query failed!");

 if(mysqli_num_rows($result)>0){

    while ($row = mysqli_fetch_assoc($result)){

  ?>

  <!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

  <meta http-equiv="X-UA-Compatible" content="IE=edge">

  <meta name="viewport" content="width=device-width, initial-scale=1.0">

  <title>Car Parking</title>

  <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/css/bootstrap.min.css"
integrity="sha384-
Gn5384xqQ1aoWXA+058RXPxPg6fy4IWvTNh0E263XmFcJlSAwiGgFAW/dAiS6JXm"
crossorigin="anonymous">

  <link rel="stylesheet" href="css/style.css">
```

```
</head>
<body>
  <div class="header">
    <div class="container-fluid">
      <div class="row">
        <div class="col-md-12 text-center" id="header">
          <h1> Parking Lot Management System</h1>


        </div>
      </div>
    </div>
    <div class="container">
      <div class="row">
        <div class="col-md-6 text-center mb-3">
          <h2 class="register">Update Exit Date Form</h2>
          <form action="updatesave.php" method="post">
          <div class="input-group mb-3">
            <div class="input-group-prepend">
              <span class="input-group-text" id="owner">Vehicle Owner Name:</span>
            </div>
            <input type="text" name="owner_name" value="<?php echo $row['Owner_name'];
?>" class="form-control">
          </div>
          <div class="input-group mb-3">
            <div class="input-group-prepend">
              <span class="input-group-text"> Vehicle Name:</span>
            </div>
            <input type="text" name="vehicle_name" value="<?php echo $row['Vehicle_name'];
?>" class="form-control">
          </div>
          <div class="input-group mb-3">
            <div class="input-group-prepend">
```

```
                    <span class="input-group-text"> Vehicle Number:</span>
                </div>
                <input type="text" name="vehicle_number" value="<?php echo
$row['Vehicle_number']; ?>" class="form-control">
            </div>
            <div class="input-group mb-3">
                <div class="input-group-prepend">
                    <span class="input-group-text"> Entry Date:</span>
                </div>
                <input type="text" name="entry_date" value="<?php echo $row['Entry_date']; ?>"
class="form-control">
            </div>
            <div class="input-group mb-3">
                <div class="input-group-prepend">
                    <span class="input-group-text"> Exit Date:</span>
                </div>
                <input type="datetime-local" name="exit_date" class="form-control">
            </div>

            <div class="input-group">
                <div class="input-group-prepend">
                    <span class="input-group-text">Token Number:</span>
                </div>
                <input type="number" name="Token" value="<?php echo $row['Token_number'];
?>" class="form-control">
            </div>
           <input type="submit" class="btn btn-primary my-3">
           </form>
          </div>

          <div class="col-md-6">
```

```
            <img src="images/car.png" class="car" style="width: 650px; height: 250px; margin-top:
200px;" alt="car picture">
          </div>
        </div>
      </div>

  </div>

</body>
</html>

  <?php

    }

 }else{
    echo "NO data Found!";
 }
?>
```

8.updatesave.php

```
<?php

 $owner_name = $_POST['owner_name'];
 $vehicle_name = $_POST['vehicle_name'];
 $vehicle_number = $_POST['vehicle_number'];
 $entry_date = $_POST['entry_date'];
 $exit_date = $_POST['exit_date'];
 $token_number = $_POST['Token'];
 $conn = mysqli_connect("localhost", "root", "", "parking_update_info") or die("conection
failed!");
```

```
 $sql = "INSERT INTO update_info(Owner_name, Vehicle_name, Vehicle_number, Entry_date,
Exit_date,Token_number)
VALUES('{$owner_name}','{$vehicle_name}','{$vehicle_number}','{$entry_date}','{$exit_date}','{$
token_number}')";
 $result = mysqli_query($conn, $sql) or die("query Failed");
 header("location: http://localhost/project1/record.php");
 mysqli_close($conn);
?>
```

9.validate.php

```
<?php
session_start();
$name = $_POST["username"];
$pass = $_POST["password"];
$conn = mysqli_connect("localhost", "root", "","login_info") or die("Connectiion failed!");
$sql = "SELECT * FROM admin_info where username = '{$name}' && password = '{$pass}'";
$result = mysqli_query($conn, $sql) or die("query failed!");
$num = mysqli_num_rows($result);
if ($num == 1){
   $_SESSION["username"] = $name;
   header("location:http://localhost/project/index.php");
}else{
   header("location:http://localhost/project/login.php");
}
?>
```

10.admin.php

```
<?php
session_start();
if(!isset($_SESSION["username"])){
```

```
   header("location:http://localhost/project1/login.php");
}else{
   ?>
    <!DOCTYPE html>
<html lang="en">
<head>
   <meta charset="UTF-8">
   <meta http-equiv="X-UA-Compatible" content="IE=edge">
   <meta name="viewport" content="width=device-width, initial-scale=1.0">
   <title>Car Parking</title>
   <link rel="stylesheet" href="admin.css">
</head>
<body>

      <div class="container-fluid">
         <div class="row">
            <div class="col-md-12 text-center" id="header">
              <h1> Parking Lot Management System</h1>
              <ul>
                 <li><a href="index.php">Home</a></li>
                 <li><a href="record.php">All Records</a></li>
                 <li><a href="admin.php">Make Parking Admin</a></li>
                 <li><a style="color: orange;" href="logout.php">Logout <?php echo
$_SESSION['username']; ?></a></li>
              </ul>
            </div>
         </div>
      </div>
      <div class="form">
         <div class="admin-form">
            <h1>Admin Form</h1>
```

```
            <form action="registration.php" method="post">
                <label for="">Username:</label>
                   
                <input type="text" name="username" placeholder="Username"> <br> <br>
                <label
for="">Password:</label>          
          
                <input type="text" name="password" placeholder="Password"> <br> <br>
                <label for="">Confirm Password:</label>   
                <input type="text" name="co-password" placeholder="Confirm Password"> <br> <br>
                <input type="submit" class="submit" value="submit">
            </form>
        </div>
    </div>

</body>
</html>
  <?php
}
?>

11.delete-inline.php

<?php
  $Token_number = $_GET['Token_number'];
  $conn = Mysqli_connect("localhost", "root", "", "parking_project") or die("conection failed!");
  $sql = "DELETE FROM vehicle_info where Token_number = '{$Token_number}'";
  $result = mysqli_query($conn, $sql) or die("query Failed");
  header("location: http://localhost/project/index.php");
  mysqli_close($conn);
?>
```

12.delete-update.php

```
<?php

   $Entry_date = $_GET['Entry_date'];

   $conn = Mysqli_connect("localhost", "root", "", "parking_update_info") or die("conection
failed!");
   $sql = "DELETE FROM update_info where Entry_date = '{$Entry_date}'";
   $result = mysqli_query($conn, $sql) or die("query Failed");
   header("location: http://localhost/project1/record.php");
   mysqli_close($conn);
?>
```

13.style.css

```
* {
   padding: 0px;
   margin: 0px;
}

body {
   background: rgb(219, 214, 214);
}

.header {
   background-image: url("../images/yoo.jpeg");

   width: 100%;
   height: 750px;
   background-size: cover;
```

```
    background-repeat: no-repeat;
    background-position: center;
}
#header h1 {
    color: orange;
    position: relative;
}

#header ul {
    display: flex;
    justify-content: center;
}

#header ul li {
    list-style-type: none;
    margin: 0px 10px;
    padding: 4px 10px;
}

#header ul li a {
    color: rgb(219, 205, 205);
    font-size: 20px;
    font-weight: bold;
    text-decoration: none;
    transition: all 0.5s ease;

}

#header ul li a:hover {
    color: orange;
}
```

```
.register {
    margin: 40px 0px;
    color: rgb(red, rgb(6, 3, 28), blue);
    position: relative;
    top: 14px;
    position: relative;
    padding: 3px;
    padding-top: 1px;
}

.register1 {
    margin: 40px 0px;
}

.register1::after {
    content: "";
    width: 350px;
    height: 4px;
    background: #f39c12;
    position: absolute;
    top: 90px;
    right: 35%;
}

.car {
    width: 100px;
    height: 100px;
}

.formWorks {
```

```
    text-align: center;
    background-color: white;
    position: relative;
    top: 45px;
    left: -150px;
    opacity: 0.9;
}

.input-group-text {
    padding: 0.375rem 1.75rem;
}

.myC {
    background-color: white;
}

.left {
    display: inline-block;

    position: absolute;
    top: 20px;
    left: 50px;
}

.left img {
    width: 135px;

    align-items: center;

    border-radius: 16px;
}
```

```
.right {
    display: inline-block;

    position: absolute;
    top: 20px;
    right: 20px;

    color: white;

}
.myBtn {
    margin: 0px 9px;
    color: white;

    background-color: black;
    padding: 4px 14px;

    border-radius: 30px;
    cursor: pointer;
    font-size: 20px;
    font-weight: 500;

    position: relative;
    top: 20px;
    right: 20px;
}
.right  :hover,
    .right  :active {

        background-color: black;
```

```
        color:darkorange;
        font-weight: 200px;

    }


 .btn-dark {
    padding: 8px 22px;
    border-radius: 2px;
}
.tit{
    display:inline-block;
    position:relative;
    top:10px;
    left: 350px;
}

#header h1 {
    color: orange;
    padding: 10px;
}
.car{

    position: relative;
    left: 400px;
    color: white;
}
.tit{
    display:inline-block;
    position:relative;
    top:10px;
```

```
   left: 580px;
}
.titBody{
      font-size: 20px;
      font-weight: 400;
   position:relative;
   top:19px;
   left: 650px;
}
 .caption{
       color:orange;
 }
```

14.admin.css

```
*{
   padding: 0px;
   margin: 0px;
}
body{
   background: rgb(219, 214, 214);
   text-align: center;
}
body h1{
   color: orange;
   font-size: 40px;
}
.login-form, .admin-form{
   margin-top: 100px;
}
```

```
.login-form h1, .admin-form h1{
    font-size: 32px;
    color: #34495e;
}
form{
    margin-top: 35px;
}

.login-form label, .admin-form label{
    font-size: 20px;
    color: #34495e;
    font-weight: bold;
}
input{
    height: 20px;
    width: 17%;
    font-size: 15px;
    padding: 0px 6px;
    outline: none;
}
form .submit{
    background: #34495e;
    border: transparent;
    color: #fff;
    font-size: 20px;
    font-weight: bold;
    letter-spacing: 2px;
    height: 40px;
    width: 10%;
    margin-top: 15px;
    transition: all 0.5s ease;
```

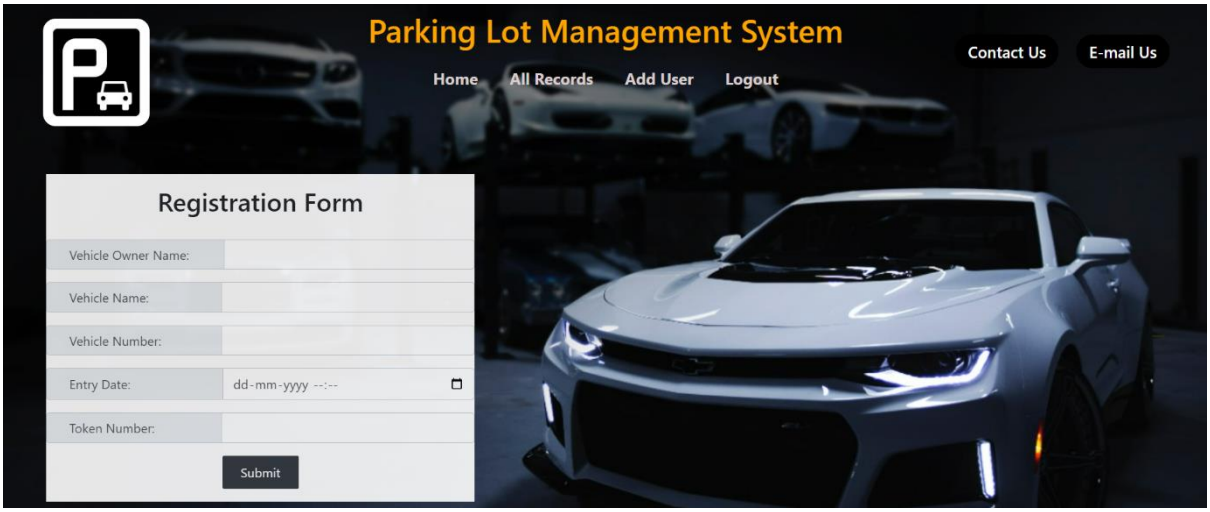
```
}
form .submit:hover{
    background: #3498db;
    cursor: pointer;
}
#header h1{
    color: orange;
}
#header ul{
    display: flex;
    justify-content: center;
}
#header ul li{
    list-style-type: none;
    margin: 0px 10px;
    padding: 4px 10px;
}
#header ul li a{
    color: rgb(219, 205, 205);
    font-size: 20px;
    text-decoration: none;
    font-weight: bold;
    transition: all 0.5s ease;

}
#header ul li a:hover{
    color: orange;
}
.input-group-text{
    padding: 0.375rem 1.75rem;
}
```

OUTPUT SCREENSHOTS

1.Login Page

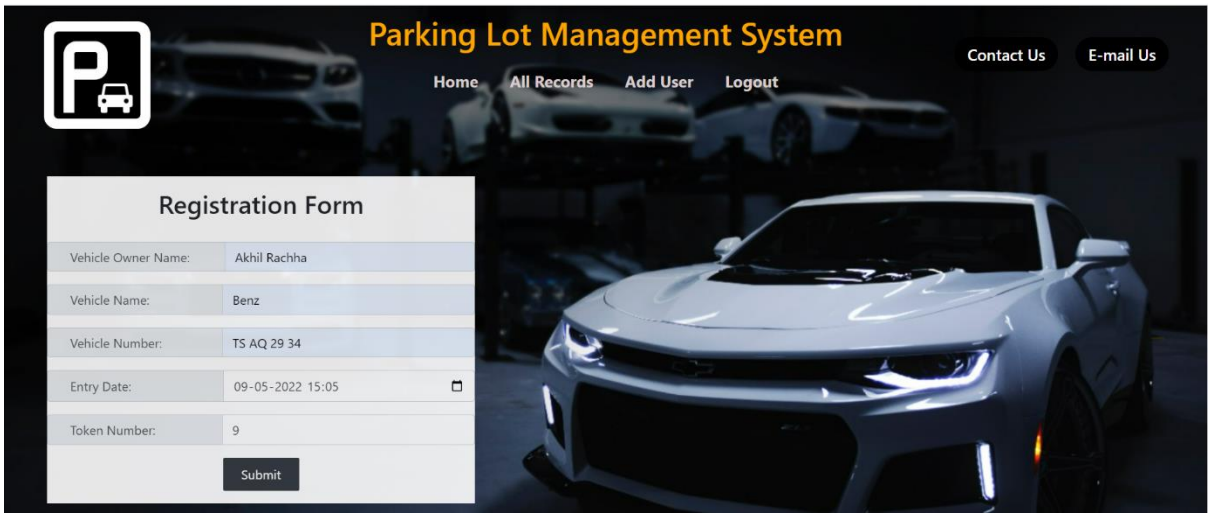
Login with your credentials to access the parking Lot system

2.Home Page



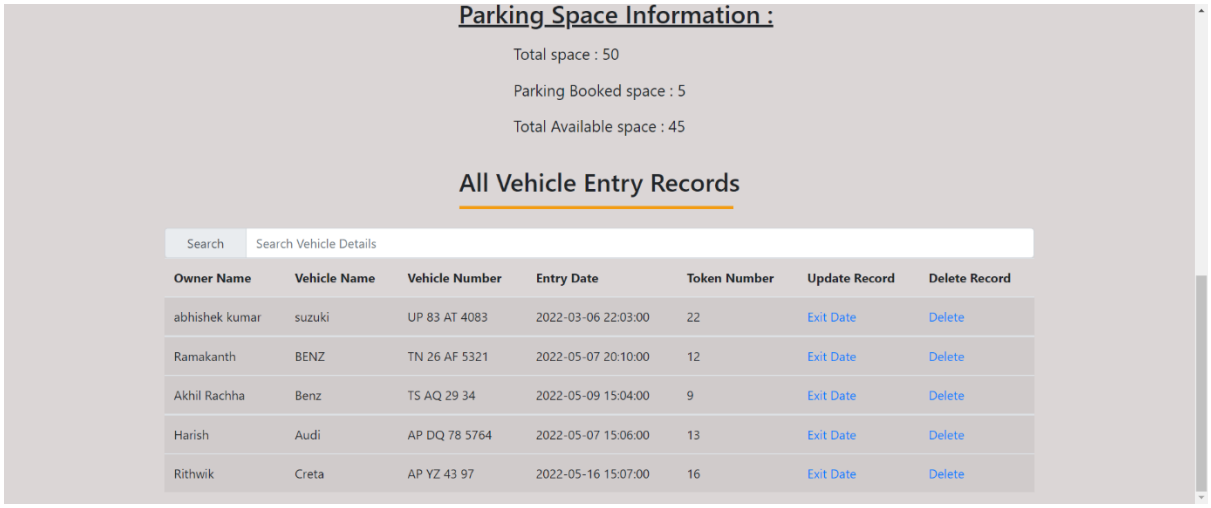
The home page of the parking lot management system where we can perform Various functions such as add user, view all records, update the record etc.

3.Filling Entry Form



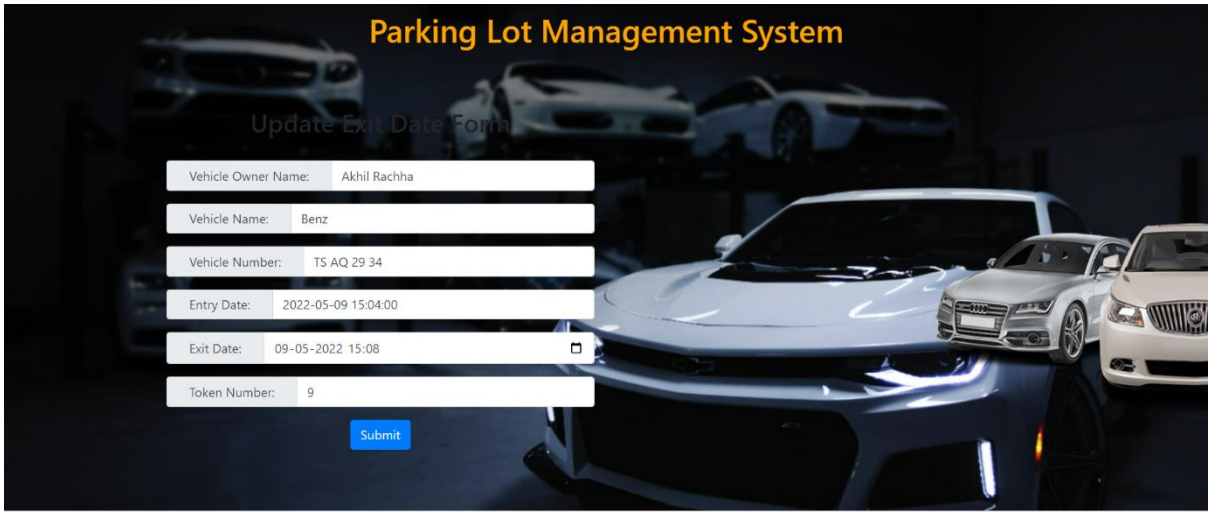
Fill the details in the form for registering the space in the parking slot.

5.Parking Space details



View the parking space details such as the car owner name, vehicle name, vehicle number entry date and token number. We can also update and delete a record

6.Update exit form

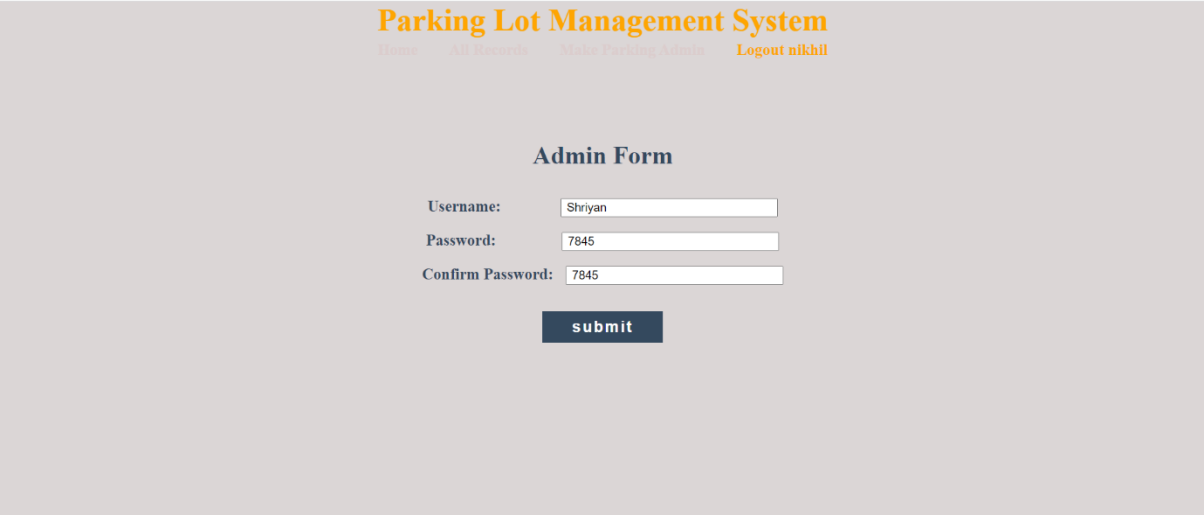


Filling the exit form so as to update the record which also includes the exit time of the car in the parking slot.

7.View all vehicle records

View all the vehicle info including the exit, entry timings, vehicle name, owner name, vehicle number etc.

8.Add User



Adding admins by entering the name and password

THANKYOU

-R.V Nikhil Sai