A blue and white sign

Description automatically generated

**SYSTEMS INTEGRATION AND ARCHITECTURE LAB**

**Midterm**

**Laboratory Activity Work Sheet**

**Laboratory Activity #3:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Student Names (LN, FN MI.):** | Balaga, Patrick  Estremos, Jenuel  Manaois, Diomer | **Professor’s Name:** |  |
| **Student #s:** |  | **Date of Submission:** |  |

**Directions: Answer the following instructions per case scenario. Do not forget to place comments in your codes to describe them.**

**Case Scenario #1: Supplier Company Web Application**

Design and develop the Web Application of your Supplier Company with user registration, user log-in and products records webpages. This web application should allow the logged user to view all records or search a record, add at least 5 records, edit a record or delete a record.

***Place the Act1\_1 Source Code Screenshots below***

***Register***

<!DOCTYPE html>

<html>

<head>

    <title>Register</title>

    <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">

    <style>

        body {

*display*: flex;

*justify-content*: center;

*align-items*: center;

*height*: 100vh;

*background-color*: #f0f0f0;

        }

        .form-container {

*width*: 800px;

*padding*: 30px;

*background*: #f0f0f0;

*border-radius*: 5px;

*box-shadow*: 0px 0px 10px 0px rgba(0,0,0,0.1);

        }

        .logo-container {

*text-align*: center;

*margin-bottom*: 20px;

*background-color*: black;

*border-radius*: 5px;

        }

        .logo-container img {

*max-width*: 100px;

*height*: auto;

        }

    </style>

</head>

<body>

    <!--This is the Form for the Register -->

    <div class="form-container">

        <div class="logo-container">

            <img src="logo.png" alt="Your Logo">

        </div>

        <h2 class="text-center">Register</h2>

        <!-- Redirects to the admin\_register\_action.php to handle the action-->

        <form action="admin\_register\_action.php" method="post" enctype="multipart/form-data">

            <div class="row">

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

                    <div class="form-group">

                        <label for="firstname">First Name:</label>

                        <input type="text" class="form-control" id="firstname" name="firstname" required>

                    </div>

                    <div class="form-group">

                        <label for="lastname">Last Name:</label>

                        <input type="text" class="form-control" id="lastname" name="lastname" required>

                    </div>

                    <div class="form-group">

                        <label for="email">Email:</label>

                        <input type="email" class="form-control" id="email" name="email" required>

                    </div>

                    <div class="form-group">

                        <label for="password">Password:</label>

                        <input type="password" class="form-control" id="password" name="password" required>

                    </div>

                </div>

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

                    <div class="form-group">

                        <label for="confirm\_password">Confirm Password:</label>

                        <input type="password" class="form-control" id="confirm\_password" name="confirm\_password" required>

                    </div>

                    <div class="form-group">

                        <label for="address">Address:</label>

                        <input type="text" class="form-control" id="address" name="address" required>

                    </div>

                    <div class="form-group">

                        <label for="contact\_number">Contact Number:</label>

                        <input type="text" class="form-control" id="contact\_number" name="contact\_number" required>

                    </div>

                    <div class="form-group">

                        <label for="role">Role:</label>

                        <select id="role" name="role" class="form-control" required>

                            <option value="customer">Customer</option>

                            <option value="admin">Admin</option>

                        </select>

                    </div>

                    <div class="form-group">

                        <label for="profilepicture">Profile Picture:</label>

                        <input type="file" class="form-control-file" id="profilepicture" name="profilepicture" accept="image/\*" required>

                    </div>

                </div>

            </div>

            <button type="submit" class="btn btn-primary btn-block">Register</button>

        </form>

        <p class="mt-3 text-center">

            <!--redirects to login-->

            <a href="admin\_login.php">Already have an account?</a><br>

            <!--redirects to forgotpassword -->

            <a href="admin\_forgotpassword.php">Forgot your password?</a>

        </p>

    </div>

    <!-- Bootstrap JS, Popper.js, and jQuery -->

    <script src="https://code.jquery.com/jquery-3.5.1.slim.min.js"></script>

    <script src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.5.4/dist/umd/popper.min.js"></script>

    <script src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></script>

    <!-- Custom JavaScript for password matching -->

    <script>

        document.querySelector('form').addEventListener('submit', *function*(*e*) {

*var* password = document.getElementById('password').value;

*var* confirmPassword = document.getElementById('confirm\_password').value;

            if (password !== confirmPassword) {

                alert('Passwords do not match.');

                e.preventDefault();

            }

        });

    </script>

</body>

</html>

***Forgot Password***

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

    <title>Forgot Password</title>

    <!-- Bootstrap CSS -->

    <link href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css" rel="stylesheet">

    <!-- Custom CSS -->

    <link rel="stylesheet" type="text/css" href="style/forgotpassword.css">

</head>

<body>

    <div class="container">

        <h2 class="mt-5">Forgot Password</h2>

        <!--redirects to admin\_forgotpassword\_action.php to handle the action-->

        <form class="mt-3" action="admin\_forgotpassword\_action.php" method="post">

            <div class="form-group">

                <label for="email">Email:</label>

                <input type="email" class="form-control" id="email" name="email" required>

            </div>

            <a href="<?php echo isset($\_SERVER['HTTP\_REFERER']) ? htmlspecialchars($\_SERVER['HTTP\_REFERER']) : 'admin\_forgotpassword.php'; ?>" class="btn btn-secondary mr-2">Back</a>

            <button type="submit" class="btn btn-primary">Reset Password</button>

        </form>

    </div>

    <!-- Bootstrap JS, Popper.js, and jQuery (optional) -->

    <script src="https://code.jquery.com/jquery-3.5.1.slim.min.js"></script>

    <script src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.5.4/dist/umd/popper.min.js"></script>

    <script src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></script>

</body>

</html>

***Login***

<!DOCTYPE html>

<html>

<head>

    <title>Login</title>

    <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">

    <style>

        body {

*display*: flex;

*justify-content*: center;

*align-items*: center;

*height*: 100vh;

*background-color*: #f0f0f0;

        }

        .form-container {

*width*: 400px;

*padding*: 30px;

*background*: #f0f0f0;

*border-radius*: 5px;

*box-shadow*: 0px 0px 10px 0px rgba(0,0,0,0.1);

        }

        .logo-container {

*text-align*: center;

*margin-bottom*: 20px;

*background-color*: black;

*border-radius*: 5px;

        }

        .logo-container img {

*max-width*: 100px;

*height*: auto;

        }

    </style>

</head>

<body>

    <div class="form-container">

        <div class="logo-container">

            <img src="logo.png" alt="Your Logo">

        </div>

        <h2 class="text-center">Login</h2>

        <!--redirects to admin\_login\_action to handle the action -->

        <form action="admin\_login\_action.php" method="post">

            <div class="form-group">

                <label for="email">Email:</label>

                <input type="email" class="form-control" id="email" name="email" required>

            </div>

            <div class="form-group">

                <label for="password">Password:</label>

                <input type="password" class="form-control" id="password" name="password" required>

            </div>

            <button type="submit" class="btn btn-primary btn-block">Login</button>

        </form>

        <p class="mt-3 text-center">

            <!-- redirects to admin\_register-->

            <a href="admin\_register.php">Don't have an account?</a><br>

            <!-- redirects to admin\_forgotpassword-->

            <a href="admin\_forgotpassword.php">Forgot your password?</a>

        </p>

    </div>

    <!-- Bootstrap JS, Popper.js, and jQuery -->

    <script src="https://code.jquery.com/jquery-3.5.1.slim.min.js"></script>

    <script src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.5.4/dist/umd/popper.min.js"></script>

    <script src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></script>

</body>

</html>

***Product Webpages***

    <?php

    session\_start();

    // Check if user is logged in as admin

    if (!isset($\_SESSION['email']) || $\_SESSION['role'] != 'admin') {

        header("Location: admin\_login.php");

        exit();

    }

    include 'db\_connect.php';

    // Initialize variable to hold search query

    $searchQuery = "";

    // Check if form was submitted

    if ($\_SERVER["REQUEST\_METHOD"] == "POST" && isset($\_POST['search'])) {

        // Sanitize user input to prevent SQL injection

        $searchQuery = htmlspecialchars($\_POST['search\_query']);

        try {

            // Fetch tires based on search query

            $stmt = $conn->prepare("

                SELECT \*

                FROM tires

                WHERE item\_name LIKE :searchQuery

                OR brand LIKE :searchQuery

                OR description LIKE :searchQuery

            ");

            $searchParam = "%{$searchQuery}%";

            $stmt->bindParam(':searchQuery', $searchParam, *PDO*::PARAM\_STR);

            $stmt->execute();

            $tires = $stmt->fetchAll(*PDO*::FETCH\_ASSOC);

        } catch (*PDOException* $e) {

            echo "Error: " . $e->getMessage();

            exit();

        }

    } else {

        // Fetch all tires if no search query or on initial load

        try {

            $stmt = $conn->prepare("SELECT \* FROM tires");

            $stmt->execute();

            $tires = $stmt->fetchAll(*PDO*::FETCH\_ASSOC);

        } catch (*PDOException* $e) {

            echo "Error: " . $e->getMessage();

            exit();

        }

    }

    ?>

    <!DOCTYPE html>

    <html lang="en">

    <head>

        <meta charset="UTF-8">

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

        <title>All Tires</title>

        <!-- Bootstrap CSS -->

        <link href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css" rel="stylesheet">

        <link href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/5.15.3/css/all.min.css" rel="stylesheet">

    </head>

    <body>

    <?php include 'admin\_header.php'; ?>

        <!-- Navigation -->

        <nav class="navbar navbar-expand-lg navbar-light bg-light">

            <div class="container">

                <a class="navbar-brand" href="admin\_dashboard.php">Home</a>

                <a class="navbar-brand" href="admin\_all\_tires.php">All Tires</a>

                <a class="navbar-brand" href="admin\_add\_tires.php">Add Tires</a>

                <a class="navbar-brand" href="admin\_user\_history\_orders.php">See Customer Order Log</a>

                <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarNav" aria-controls="navbarNav" aria-expanded="false" aria-label="Toggle navigation">

                    <span class="navbar-toggler-icon"></span>

                </button>

                <div class="collapse navbar-collapse" id="navbarNav">

                    <ul class="navbar-nav">

                        <li class="nav-item dropdown">

                            <a class="nav-link dropdown-toggle" href="#" id="navbarDropdown" role="button" data-toggle="dropdown" aria-haspopup="true" aria-expanded="false">

                                Tire Types

                            </a>

                            <div class="dropdown-menu" aria-labelledby="navbarDropdown">

                                <a class="dropdown-item" href="admin\_tire\_type\_PCT.php">PCT</a>

                                <a class="dropdown-item" href="admin\_tire\_type\_TSUVT.php">TSUVT</a>

                                <a class="dropdown-item" href="admin\_tire\_type\_PT.php">PT</a>

                                <a class="dropdown-item" href="admin\_tire\_type\_ST.php">ST</a>

                                <a class="dropdown-item" href="admin\_tire\_type\_CHDT.php">CHDT</a>

                                <a class="dropdown-item" href="admin\_tire\_type\_ORAT.php">ORAT</a>

                            </div>

                        </li>

                    </ul>

                </div>

                <form class="form-inline my-2 my-lg-0 mr-2" method="POST" action="">

                    <input  class="form-control mr-sm-2" type="search" placeholder="Search for anything" aria-label="Search" name="search\_query">

                    <button class="btn btn-outline-success my-2 my-sm-0" type="submit" name="search">Search</button>

                </form>

            </div>

        </nav>

    <!-- Main Content -->

    <main class="container mt-4">

        <h2>All Tires</h2>

        <div class="row">

            <?php if (count($tires) > 0): ?>

                <?php foreach ($tires as $tire): ?>

                    <div class="col-lg-4 col-md-6 mb-4">

                        <div class="card h-100">

                            <img class="card-img-top" src="<?php echo htmlspecialchars($tire['image']); ?>" alt="<?php echo htmlspecialchars($tire['item\_name']); ?>">

                            <div class="card-body">

                                <h4 class="card-title"><?php echo htmlspecialchars($tire['item\_name']); ?></h4>

                                <h6 class="card-subtitle mb-2 text-muted"><?php echo htmlspecialchars($tire['brand']); ?></h6>

                                <p class="card-text"><?php echo htmlspecialchars($tire['description']); ?></p>

                                <h5 class="card-text">Price: $<?php echo htmlspecialchars($tire['price']); ?></h5>

                                <p class="card-text">Available: <?php echo htmlspecialchars($tire['amount']); ?></p>

                            </div>

                            <div class="card-footer">

                                <!--to edit the product-->

                                <a href="admin\_edit\_tires.php?id=<?php echo $tire['id']; ?>" class="btn btn-primary">Edit</a>

                                <!--to delete the product-->

                                <a href="admin\_delete\_tires.php?id=<?php echo $tire['id']; ?>" class="btn btn-danger">Delete</a>

                            </div>

                        </div>

                    </div>

                <?php endforeach; ?>

            <?php else: ?>

                <div class="col-lg-12">

                    <p>No tires found.</p>

                </div>

            <?php endif; ?>

        </div>

    </main>

    <!-- Footer -->

    <?php include 'footer.php'; ?>

    <!-- Bootstrap JS, Popper.js, and jQuery -->

    <script src="https://code.jquery.com/jquery-3.5.1.slim.min.js"></script>

    <script src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.5.4/dist/umd/popper.min.js"></script>

    <script src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></script>

    </body>

    </html>

***Add tires***<?php

session\_start();

// Check if user is logged in as admin

if (!isset($\_SESSION['email']) || $\_SESSION['role'] != 'admin') {

    header("Location: admin\_login.php");

    exit();

}

// Include database connection

include 'db\_connect.php';

// Initialize variables for form submission

$item\_name = $type = $price = $description = $brand = $amount = $image = '';

$error = '';

// Check if form is submitted

if ($\_SERVER["REQUEST\_METHOD"] == "POST") {

    // Sanitize and validate input data

    $item\_name = htmlspecialchars($\_POST['item\_name']);

    $type = htmlspecialchars($\_POST['type']);

    $price = htmlspecialchars($\_POST['price']);

    $description = htmlspecialchars($\_POST['description']);

    $brand = htmlspecialchars($\_POST['brand']);

    $amount = htmlspecialchars($\_POST['amount']);

    // Upload image file

    if ($\_FILES['image']['error'] === UPLOAD\_ERR\_OK) {

        $image\_name = $\_FILES['image']['name'];

        $image\_temp = $\_FILES['image']['tmp\_name'];

        $image\_path = 'storage/' . $image\_name;

        move\_uploaded\_file($image\_temp, $image\_path);

        $image = $image\_path;

    } else {

        $error = 'Failed to upload image.';

    }

    // Insert data into database

    if (empty($error)) {

        try {

            $stmt = $conn->prepare("INSERT INTO tires (item\_name, type, price, description, brand, amount, image)

                                    VALUES (:item\_name, :type, :price, :description, :brand, :amount, :image)");

            $stmt->bindParam(':item\_name', $item\_name);

            $stmt->bindParam(':type', $type);

            $stmt->bindParam(':price', $price);

            $stmt->bindParam(':description', $description);

            $stmt->bindParam(':brand', $brand);

            $stmt->bindParam(':amount', $amount);

            $stmt->bindParam(':image', $image);

            $stmt->execute();

            // Redirect to admin dashboard after successful insert

            header("Location: admin\_dashboard.php");

            exit();

        } catch (*PDOException* $e) {

            $error = 'Error inserting data: ' . $e->getMessage();

        }

    }

}

?>

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

    <title>Add Tire</title>

    <!-- Bootstrap CSS -->

    <link href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css" rel="stylesheet">

</head>

<body>

<?php include 'admin\_header.php'; ?>

    <!-- Navigation -->

    <nav class="navbar navbar-expand-lg navbar-light bg-light">

        <div class="container">

            <a class="navbar-brand" href="admin\_dashboard.php">Home</a>

            <a class="navbar-brand" href="admin\_all\_tires.php">All Tires</a>

            <a class="navbar-brand" href="admin\_add\_tires.php">Add Tires</a>

            <a class="navbar-brand" href="admin\_user\_history\_orders.php">See Customer Order Log</a>

            <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarNav" aria-controls="navbarNav" aria-expanded="false" aria-label="Toggle navigation">

                <span class="navbar-toggler-icon"></span>

            </button>

            <div class="collapse navbar-collapse" id="navbarNav">

                <ul class="navbar-nav">

                    <li class="nav-item dropdown">

                        <a class="nav-link dropdown-toggle" href="#" id="navbarDropdown" role="button" data-toggle="dropdown" aria-haspopup="true" aria-expanded="false">

                            Tire Types

                        </a>

                        <div class="dropdown-menu" aria-labelledby="navbarDropdown">

                            <a class="dropdown-item" href="admin\_tire\_type\_PCT.php">PCT</a>

                            <a class="dropdown-item" href="admin\_tire\_type\_TSUVT.php">TSUVT</a>

                            <a class="dropdown-item" href="admin\_tire\_type\_PT.php">PT</a>

                            <a class="dropdown-item" href="admin\_tire\_type\_ST.php">ST</a>

                            <a class="dropdown-item" href="admin\_tire\_type\_CHDT.php">CHDT</a>

                            <a class="dropdown-item" href="admin\_tire\_type\_ORAT.php">ORAT</a>

                        </div>

                    </li>

                </ul>

            </div>

            <form class="form-inline my-2 my-lg-0 mr-2" method="POST" action="">

                <input  class="form-control mr-sm-2" type="search" placeholder="Search for anything" aria-label="Search" name="search\_query">

                <button class="btn btn-outline-success my-2 my-sm-0" type="submit" name="search">Search</button>

            </form>

        </div>

    </nav>

<!-- Main Content -->

<div class="container mt-4">

    <h2>Add Tire</h2>

    <form method="POST" enctype="multipart/form-data">

        <div class="form-group">

            <label for="item\_name">Item Name:</label>

            <input type="text" class="form-control" id="item\_name" name="item\_name" required>

        </div>

        <div class="form-group">

            <label for="type">Type:</label>

            <input type="text" class="form-control" id="type" name="type" required>

        </div>

        <div class="form-group">

            <label for="price">Price:</label>

            <input type="number" class="form-control" id="price" name="price" required>

        </div>

        <div class="form-group">

            <label for="description">Description:</label>

            <textarea class="form-control" id="description" name="description" rows="3" required></textarea>

        </div>

        <div class="form-group">

            <label for="brand">Brand:</label>

            <input type="text" class="form-control" id="brand" name="brand" required>

        </div>

        <div class="form-group">

            <label for="amount">Amount:</label>

            <input type="number" class="form-control" id="amount" name="amount" required>

        </div>

        <div class="form-group">

            <label for="image">Image:</label>

            <input type="file" class="form-control-file" id="image" name="image" accept="image/\*" required>

        </div>

        <button type="submit" class="btn btn-primary">Submit</button>

    </form>

    <?php if (!empty($error)): ?>

        <div class="alert alert-danger mt-3" role="alert">

            <?php echo $error; ?>

        </div>

    <?php endif; ?>

</div>

<?php include 'footer.php'; ?>

<!-- Bootstrap JS, Popper.js, and jQuery -->

<script src="https://code.jquery.com/jquery-3.5.1.slim.min.js"></script>

<script src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.5.4/dist/umd/popper.min.js"></script>

<script src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></script>

</body>

</html>

***Edit Tire***

<?php

session\_start();

// Check if user is logged in as admin

if (!isset($\_SESSION['email']) || $\_SESSION['role'] != 'admin') {

    header("Location: admin\_login.php");

    exit();

}

include 'db\_connect.php';

// Fetch tire details for editing

if (isset($\_GET['id'])) {

    $tire\_id = $\_GET['id'];

    try {

        $stmt = $conn->prepare("SELECT \* FROM tires WHERE id = :id");

        $stmt->bindParam(':id', $tire\_id);

        $stmt->execute();

        $tire = $stmt->fetch(*PDO*::FETCH\_ASSOC);

        if (!$tire) {

            echo "Tire not found.";

            exit();

        }

    } catch (*PDOException* $e) {

        echo "Error: " . $e->getMessage();

        exit();

    }

} else {

    echo "Invalid request.";

    exit();

}

// Handle form submission for updating tire details

if ($\_SERVER["REQUEST\_METHOD"] == "POST") {

    $item\_name = $\_POST['item\_name'];

    $brand = $\_POST['brand'];

    $description = $\_POST['description'];

    $price = $\_POST['price'];

    $amount = $\_POST['amount'];

    $image = $\_FILES['image']['name'];

    // File upload handling

    if (!empty($image)) {

        $target\_dir = "storage/";

        $target\_file = $target\_dir . basename($\_FILES["image"]["name"]);

        move\_uploaded\_file($\_FILES["image"]["tmp\_name"], $target\_file);

    } else {

        $target\_file = $tire['image'];

    }

    try {

        $stmt = $conn->prepare("

            UPDATE tires

            SET item\_name = :item\_name, brand = :brand, description = :description, price = :price, amount = :amount, image = :image

            WHERE id = :id

        ");

        $stmt->bindParam(':item\_name', $item\_name);

        $stmt->bindParam(':brand', $brand);

        $stmt->bindParam(':description', $description);

        $stmt->bindParam(':price', $price);

        $stmt->bindParam(':amount', $amount);

        $stmt->bindParam(':image', $target\_file);

        $stmt->bindParam(':id', $tire\_id);

        $stmt->execute();

        header("Location: admin\_all\_tires.php");

    } catch (*PDOException* $e) {

        echo "Error updating tire: " . $e->getMessage();

    }

}

?>

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

    <title>Edit Tire</title>

    <!-- Bootstrap CSS -->

    <link href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css" rel="stylesheet">

    <link href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/5.15.3/css/all.min.css" rel="stylesheet">

</head>

<body>

<?php include 'admin\_header.php'; ?>

    <!-- Navigation -->

    <nav class="navbar navbar-expand-lg navbar-light bg-light">

        <div class="container">

            <a class="navbar-brand" href="admin\_dashboard.php">Home</a>

            <a class="navbar-brand" href="admin\_all\_tires.php">All Tires</a>

            <a class="navbar-brand" href="admin\_add\_tires.php">Add Tires</a>

            <a class="navbar-brand" href="admin\_user\_history\_orders.php">See Customer Order Log</a>

            <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarNav" aria-controls="navbarNav" aria-expanded="false" aria-label="Toggle navigation">

                <span class="navbar-toggler-icon"></span>

            </button>

            <div class="collapse navbar-collapse" id="navbarNav">

                <ul class="navbar-nav">

                    <li class="nav-item dropdown">

                        <a class="nav-link dropdown-toggle" href="#" id="navbarDropdown" role="button" data-toggle="dropdown" aria-haspopup="true" aria-expanded="false">

                            Tire Types

                        </a>

                        <div class="dropdown-menu" aria-labelledby="navbarDropdown">

                            <a class="dropdown-item" href="admin\_tire\_type\_PCT.php">PCT</a>

                            <a class="dropdown-item" href="admin\_tire\_type\_TSUVT.php">TSUVT</a>

                            <a class="dropdown-item" href="admin\_tire\_type\_PT.php">PT</a>

                            <a class="dropdown-item" href="admin\_tire\_type\_ST.php">ST</a>

                            <a class="dropdown-item" href="admin\_tire\_type\_CHDT.php">CHDT</a>

                            <a class="dropdown-item" href="admin\_tire\_type\_ORAT.php">ORAT</a>

                        </div>

                    </li>

                </ul>

            </div>

            <form class="form-inline my-2 my-lg-0 mr-2" method="POST" action="">

                <input  class="form-control mr-sm-2" type="search" placeholder="Search for anything" aria-label="Search" name="search\_query">

                <button class="btn btn-outline-success my-2 my-sm-0" type="submit" name="search">Search</button>

            </form>

        </div>

    </nav>

    <!-- Main Content -->

    <main class="container mt-4">

        <h2>Edit Tire</h2>

        <!--form to update products-->

        <form method="post" action="" enctype="multipart/form-data">

            <div class="form-group">

                <label for="item\_name">Item Name</label>

                <input type="text" class="form-control" id="item\_name" name="item\_name" value="<?php echo htmlspecialchars($tire['item\_name']); ?>" required>

            </div>

            <div class="form-group">

                <label for="brand">Brand</label>

                <input type="text" class="form-control" id="brand" name="brand" value="<?php echo htmlspecialchars($tire['brand']); ?>" required>

            </div>

            <div class="form-group">

                <label for="description">Description</label>

                <textarea class="form-control" id="description" name="description" rows="3" required><?php echo htmlspecialchars($tire['description']); ?></textarea>

            </div>

            <div class="form-group">

                <label for="price">Price</label>

                <input type="number" class="form-control" id="price" name="price" value="<?php echo htmlspecialchars($tire['price']); ?>" required>

            </div>

            <div class="form-group">

                <label for="amount">Amount</label>

                <input type="number" class="form-control" id="amount" name="amount" value="<?php echo htmlspecialchars($tire['amount']); ?>" required>

            </div>

            <div class="form-group">

                <label for="image">Image</label>

                <input type="file" class="form-control-file" id="image" name="image">

                <small class="form-text text-muted">Current Image: <?php echo htmlspecialchars($tire['image']); ?></small>

            </div>

            <a href="<?php echo isset($\_SERVER['HTTP\_REFERER']) ? htmlspecialchars($\_SERVER['HTTP\_REFERER']) : 'admin\_edit\_tires.php'; ?>" class="btn btn-secondary mr-2">Back</a>

            <button type="submit" class="btn btn-primary">Save Changes</button>

        </form>

    </main>

    <!-- Footer -->

    <?php include 'footer.php'; ?>

    <!-- Bootstrap JS, Popper.js, and jQuery -->

    <script src="https://code.jquery.com/jquery-3.5.1.slim.min.js"></script>

    <script src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.5.4/dist/umd/popper.min.js"></script>

    <script src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></script>

</body>

</html>

***Delete Tire***

<?php

session\_start();

// Check if user is logged in as admin

if (!isset($\_SESSION['email']) || $\_SESSION['role'] != 'admin') {

    header("Location: admin\_login.php");

    exit();

}

include 'db\_connect.php';

// Check if tire ID is provided and valid

if ($\_SERVER["REQUEST\_METHOD"] == "POST" && isset($\_POST['tire\_id'])) {

    $tire\_id = $\_POST['tire\_id'];

} elseif ($\_SERVER["REQUEST\_METHOD"] == "GET" && isset($\_GET['id'])) {

    $tire\_id = $\_GET['id'];

} else {

    // Redirect if no valid tire ID is provided

    header("Location: admin\_all\_tires.php");

    exit();

}

// Prepare and execute SQL statement to delete the tire

try {

    $stmt = $conn->prepare("DELETE FROM tires WHERE id = :tire\_id");

    $stmt->bindParam(':tire\_id', $tire\_id, *PDO*::PARAM\_INT);

    $stmt->execute();

    // Redirect to admin\_all\_tires.php after successful deletion

    header("Location: admin\_all\_tires.php");

    exit();

} catch (*PDOException* $e) {

    echo "Error: " . $e->getMessage();

    exit();

}

?>

***Customer Order Logs***<?php

session\_start();

// Check if user is logged in as admin

if (!isset($\_SESSION['email']) || $\_SESSION['role'] != 'admin') {

    header("Location: login.php");

    exit();

}

include 'db\_connect.php';

// Initialize variable to hold search query

$searchQuery = "";

// Check if form was submitted

if ($\_SERVER["REQUEST\_METHOD"] == "POST" && isset($\_POST['search'])) {

    // Sanitize user input to prevent SQL injection

    $searchQuery = htmlspecialchars($\_POST['search\_query']);

    try {

        // Fetch orders based on search query

        $stmt = $conn->prepare("

            SELECT id, user\_email, total\_price, created\_at

            FROM orders

            WHERE user\_email LIKE :searchQuery

               OR total\_price LIKE :searchQuery

               OR created\_at LIKE :searchQuery

            ORDER BY created\_at DESC

        ");

        $searchParam = "%{$searchQuery}%";

        $stmt->bindParam(':searchQuery', $searchParam, *PDO*::PARAM\_STR);

        $stmt->execute();

        $orders = $stmt->fetchAll(*PDO*::FETCH\_ASSOC);

    } catch (*PDOException* $e) {

        echo "Error: " . $e->getMessage();

        exit();

    }

} else {

    // Fetch all orders if no search query or on initial load

    try {

        $stmt = $conn->query("

            SELECT id, user\_email, total\_price, created\_at

            FROM orders

            ORDER BY created\_at DESC

        ");

        $orders = $stmt->fetchAll(*PDO*::FETCH\_ASSOC);

    } catch (*PDOException* $e) {

        echo "Error: " . $e->getMessage();

        exit();

    }

}

?>

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

    <title>Admin - User History Orders</title>

    <!-- Bootstrap CSS -->

    <link href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css" rel="stylesheet">

</head>

<body>

<?php include 'admin\_header.php'; ?>

    <!-- Navigation -->

    <nav class="navbar navbar-expand-lg navbar-light bg-light">

        <div class="container">

            <a class="navbar-brand" href="admin\_dashboard.php">Home</a>

            <a class="navbar-brand" href="admin\_all\_tires.php">All Tires</a>

            <a class="navbar-brand" href="admin\_add\_tires.php">Add Tires</a>

            <a class="navbar-brand" href="admin\_user\_history\_orders.php">See Customer Order Log</a>

            <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarNav" aria-controls="navbarNav" aria-expanded="false" aria-label="Toggle navigation">

                <span class="navbar-toggler-icon"></span>

            </button>

            <div class="collapse navbar-collapse" id="navbarNav">

                <ul class="navbar-nav">

                    <li class="nav-item dropdown">

                        <a class="nav-link dropdown-toggle" href="#" id="navbarDropdown" role="button" data-toggle="dropdown" aria-haspopup="true" aria-expanded="false">

                            Tire Types

                        </a>

                        <div class="dropdown-menu" aria-labelledby="navbarDropdown">

                            <a class="dropdown-item" href="admin\_tire\_type\_PCT.php">PCT</a>

                            <a class="dropdown-item" href="admin\_tire\_type\_TSUVT.php">TSUVT</a>

                            <a class="dropdown-item" href="admin\_tire\_type\_PT.php">PT</a>

                            <a class="dropdown-item" href="admin\_tire\_type\_ST.php">ST</a>

                            <a class="dropdown-item" href="admin\_tire\_type\_CHDT.php">CHDT</a>

                            <a class="dropdown-item" href="admin\_tire\_type\_ORAT.php">ORAT</a>

                        </div>

                    </li>

                </ul>

            </div>

            <!-- Search form -->

            <form class="form-inline my-2 my-lg-0 mr-2" method="POST" action="">

                <input class="form-control mr-sm-2" type="search" placeholder="Search for anything" aria-label="Search" name="search\_query" value="<?php echo htmlspecialchars($searchQuery); ?>">

                <button class="btn btn-outline-success my-2 my-sm-0" type="submit" name="search">Search</button>

            </form>

        </div>

    </nav>

<!-- Main Content -->

<div class="container mt-4">

    <h2>User History Orders</h2>

    <div class="table-responsive">

        <table class="table table-bordered">

            <thead>

                <tr>

                    <th>ID</th>

                    <th>User Email</th>

                    <th>Total Price</th>

                    <th>Created At</th>

                </tr>

            </thead>

            <tbody>

                <?php foreach ($orders as $order): ?>

                <tr>

                    <td><?php echo htmlspecialchars($order['id']); ?></td>

                    <td><?php echo htmlspecialchars($order['user\_email']); ?></td>

                    <td>$<?php echo htmlspecialchars($order['total\_price']); ?></td>

                    <td><?php echo htmlspecialchars($order['created\_at']); ?></td>

                </tr>

                <?php endforeach; ?>

            </tbody>

        </table>

    </div>

</div>

<?php include 'footer.php'; ?>

<!-- Bootstrap JS, Popper.js, and jQuery -->

<script src="https://code.jquery.com/jquery-3.5.1.slim.min.js"></script>

<script src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.5.4/dist/umd/popper.min.js"></script>

<script src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></script>

</body>

</html>

***Tire Types PCT sample***<?php

session\_start();

// Check if user is logged in as admin

if (!isset($\_SESSION['email']) || $\_SESSION['role'] != 'admin') {

    header("Location: admin\_login.php");

    exit();

}

include 'db\_connect.php';

// Initialize variable to hold search query

$searchQuery = "";

// Check if form was submitted

if ($\_SERVER["REQUEST\_METHOD"] == "POST" && isset($\_POST['search'])) {

    // Sanitize user input to prevent SQL injection

    $searchQuery = htmlspecialchars($\_POST['search\_query']);

    try {

        // Fetch CHDT tires data based on search query

        $stmt = $conn->prepare("

            SELECT \*

            FROM tires

            WHERE type = 'PCT'

            AND (item\_name LIKE :searchQuery

                 OR brand LIKE :searchQuery

                 OR description LIKE :searchQuery

                 OR price LIKE :searchQuery)

        ");

        $searchParam = "%{$searchQuery}%";

        $stmt->bindParam(':searchQuery', $searchParam, *PDO*::PARAM\_STR);

        $stmt->execute();

        $chdt\_tires = $stmt->fetchAll(*PDO*::FETCH\_ASSOC);

    } catch (*PDOException* $e) {

        echo "Error: " . $e->getMessage();

        exit();

    }

} else {

    // Fetch all PCT tires if no search query or on initial load

    try {

        $stmt = $conn->prepare("SELECT \* FROM tires WHERE type = 'PCT'");

        $stmt->execute();

        $chdt\_tires = $stmt->fetchAll(*PDO*::FETCH\_ASSOC);

    } catch (*PDOException* $e) {

        echo "Error: " . $e->getMessage();

        exit();

    }

}

?>

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

    <title>PCT Tires</title>

    <!-- Bootstrap CSS -->

    <link href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css" rel="stylesheet">

</head>

<body>

<?php include 'admin\_header.php'; ?>

    <!-- Navigation -->

    <nav class="navbar navbar-expand-lg navbar-light bg-light">

        <div class="container">

            <a class="navbar-brand" href="admin\_dashboard.php">Home</a>

            <a class="navbar-brand" href="admin\_all\_tires.php">All Tires</a>

            <a class="navbar-brand" href="admin\_add\_tires.php">Add Tires</a>

            <a class="navbar-brand" href="admin\_user\_history\_orders.php">See Customer Order Log</a>

            <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarNav" aria-controls="navbarNav" aria-expanded="false" aria-label="Toggle navigation">

                <span class="navbar-toggler-icon"></span>

            </button>

            <div class="collapse navbar-collapse" id="navbarNav">

                <ul class="navbar-nav">

                    <li class="nav-item dropdown">

                        <a class="nav-link dropdown-toggle" href="#" id="navbarDropdown" role="button" data-toggle="dropdown" aria-haspopup="true" aria-expanded="false">

                            Tire Types

                        </a>

                        <div class="dropdown-menu" aria-labelledby="navbarDropdown">

                            <a class="dropdown-item" href="admin\_tire\_type\_PCT.php">PCT</a>

                            <a class="dropdown-item" href="admin\_tire\_type\_TSUVT.php">TSUVT</a>

                            <a class="dropdown-item" href="admin\_tire\_type\_PT.php">PT</a>

                            <a class="dropdown-item" href="admin\_tire\_type\_ST.php">ST</a>

                            <a class="dropdown-item" href="admin\_tire\_type\_CHDT.php">CHDT</a>

                            <a class="dropdown-item" href="admin\_tire\_type\_ORAT.php">ORAT</a>

                        </div>

                    </li>

                </ul>

            </div>

            <!-- Search form -->

            <form class="form-inline my-2 my-lg-0 mr-2" method="POST" action="">

                <input class="form-control mr-sm-2" type="search" placeholder="Search for anything" aria-label="Search" name="search\_query" value="<?php echo htmlspecialchars($searchQuery); ?>">

                <button class="btn btn-outline-success my-2 my-sm-0" type="submit" name="search">Search</button>

            </form>

        </div>

    </nav>

<!-- Main Content -->

<div class="container mt-4">

    <h2>PCT Tires</h2>

    <div class="row">

        <?php foreach ($chdt\_tires as $tire): ?>

        <div class="col-lg-4 col-md-6 mb-4">

            <div class="card h-100">

                <img class="card-img-top" src="<?php echo htmlspecialchars($tire['image']); ?>" alt="<?php echo htmlspecialchars($tire['item\_name']); ?>">

                <div class="card-body">

                    <h4 class="card-title"><?php echo htmlspecialchars($tire['item\_name']); ?></h4>

                    <h6 class="card-subtitle mb-2 text-muted"><?php echo htmlspecialchars($tire['brand']); ?></h6>

                    <p class="card-text"><?php echo htmlspecialchars($tire['description']); ?></p>

                    <h5 class="card-text">Price: $<?php echo htmlspecialchars($tire['price']); ?></h5>

                </div>

                <div class="card-footer">

                    <a href="admin\_edit\_tires.php?id=<?php echo $tire['id']; ?>" class="btn btn-primary">Edit</a>

                    <a href="admin\_all\_tires.php?id=<?php echo $tire['id']; ?>" class="btn btn-danger">Delete</a>

                </div>

            </div>

        </div>

        <?php endforeach; ?>

    </div>

</div>

<?php include 'footer.php'; ?>

<!-- Bootstrap JS, Popper.js, and jQuery -->

<script src="https://code.jquery.com/jquery-3.5.1.slim.min.js"></script>

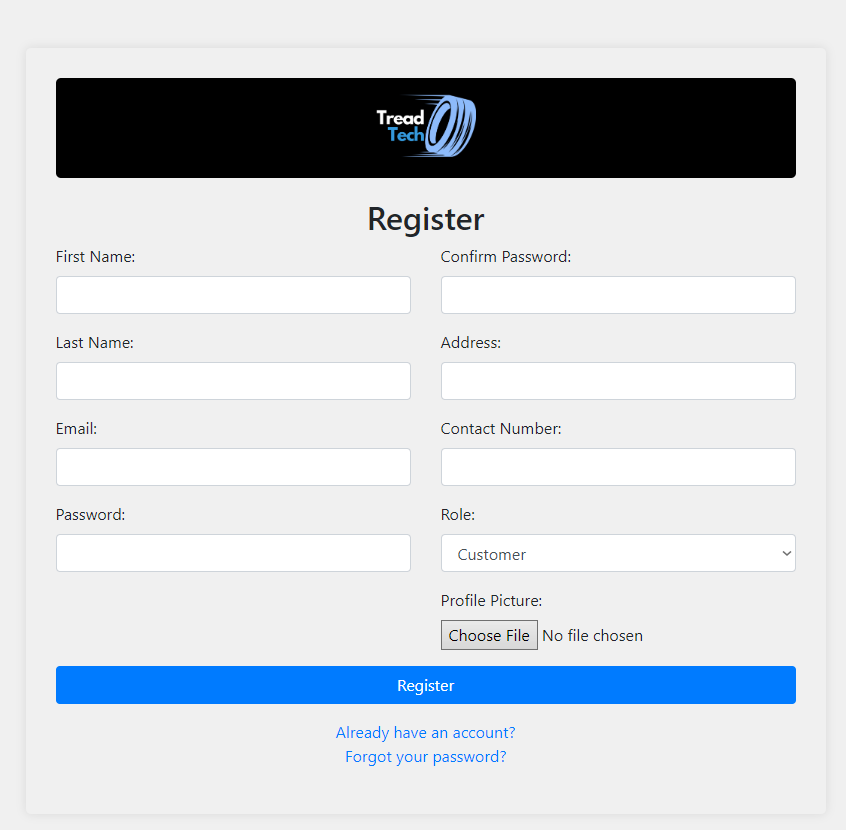
<script src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.5.4/dist/umd/popper.min.js"></script>

<script src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></script>

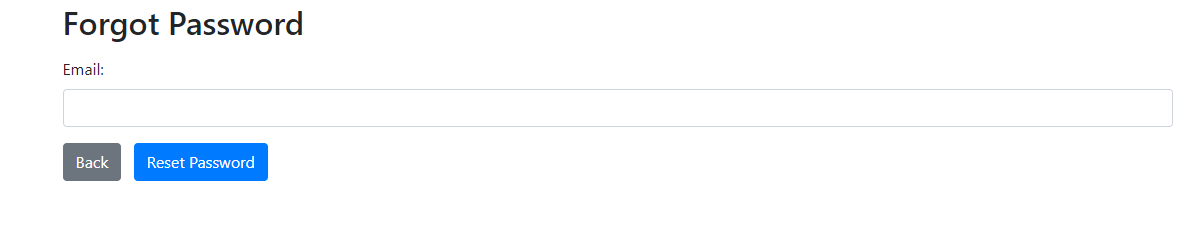
</body>

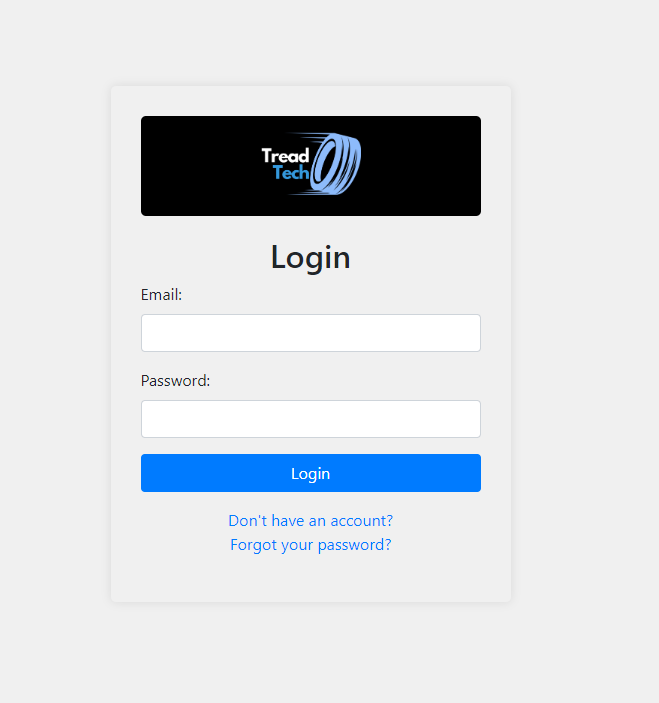
</html>

***Place the Act1\_1 Sample Output Screenshots below.***

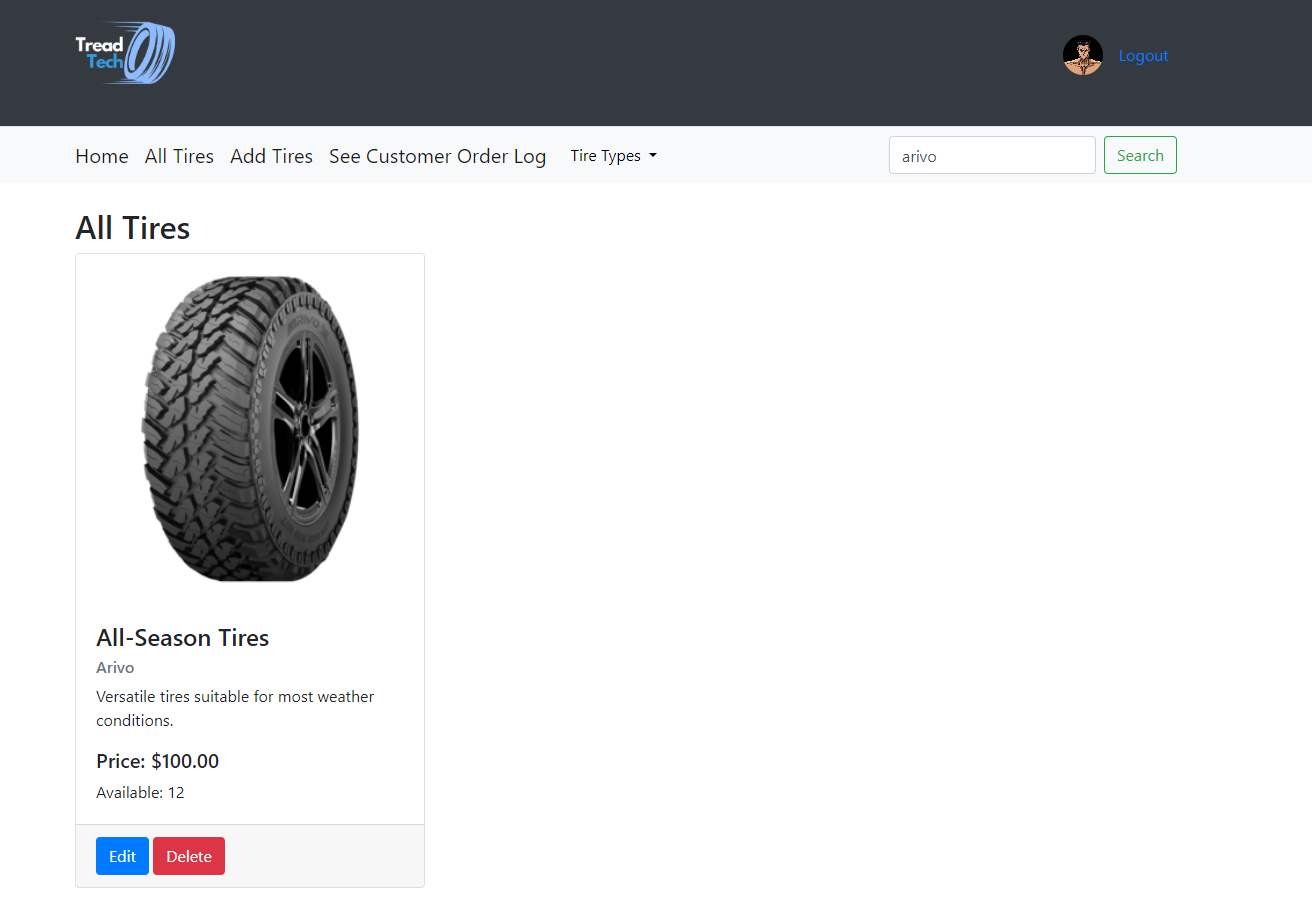
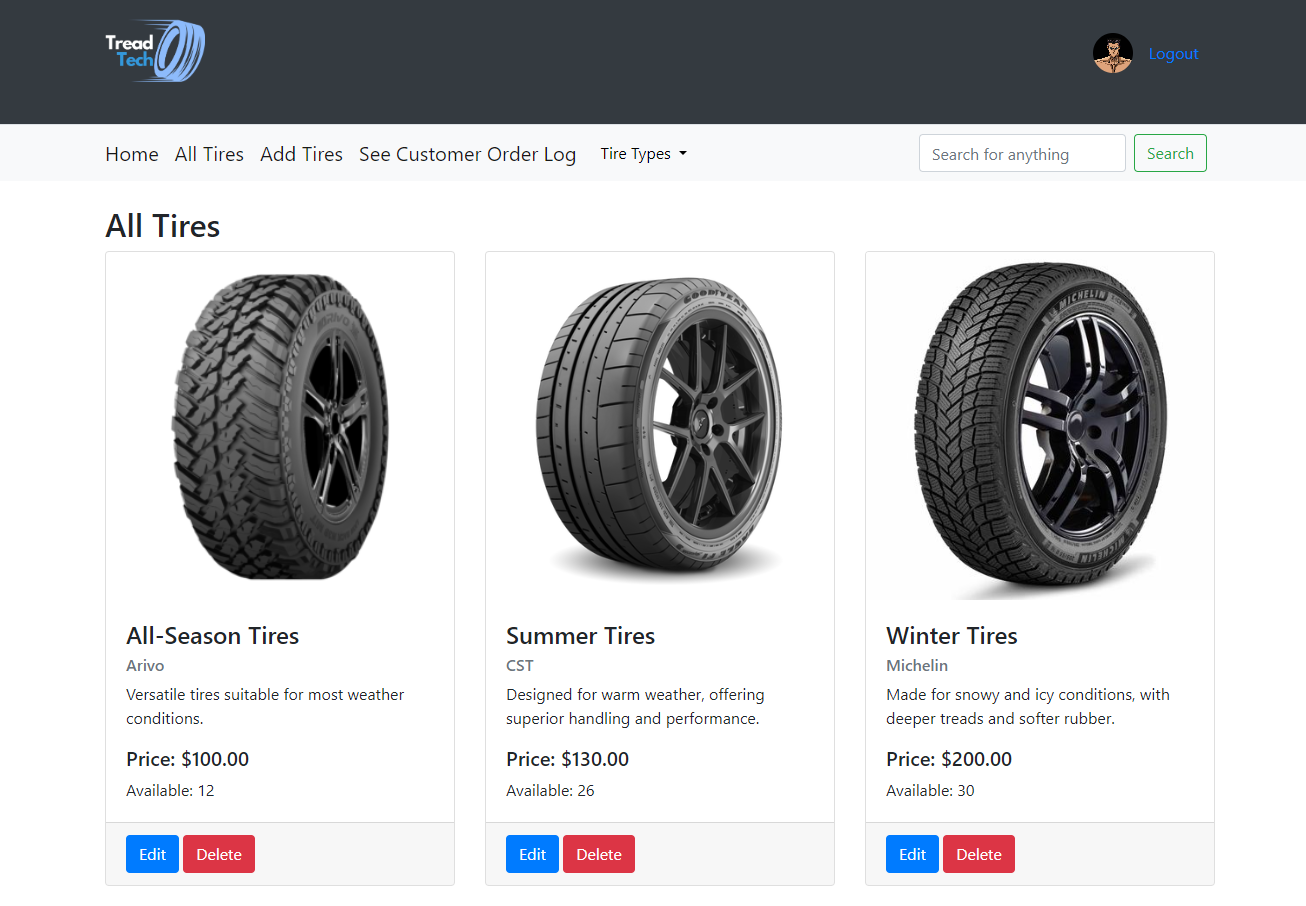
***Register***

***Forgot Password***

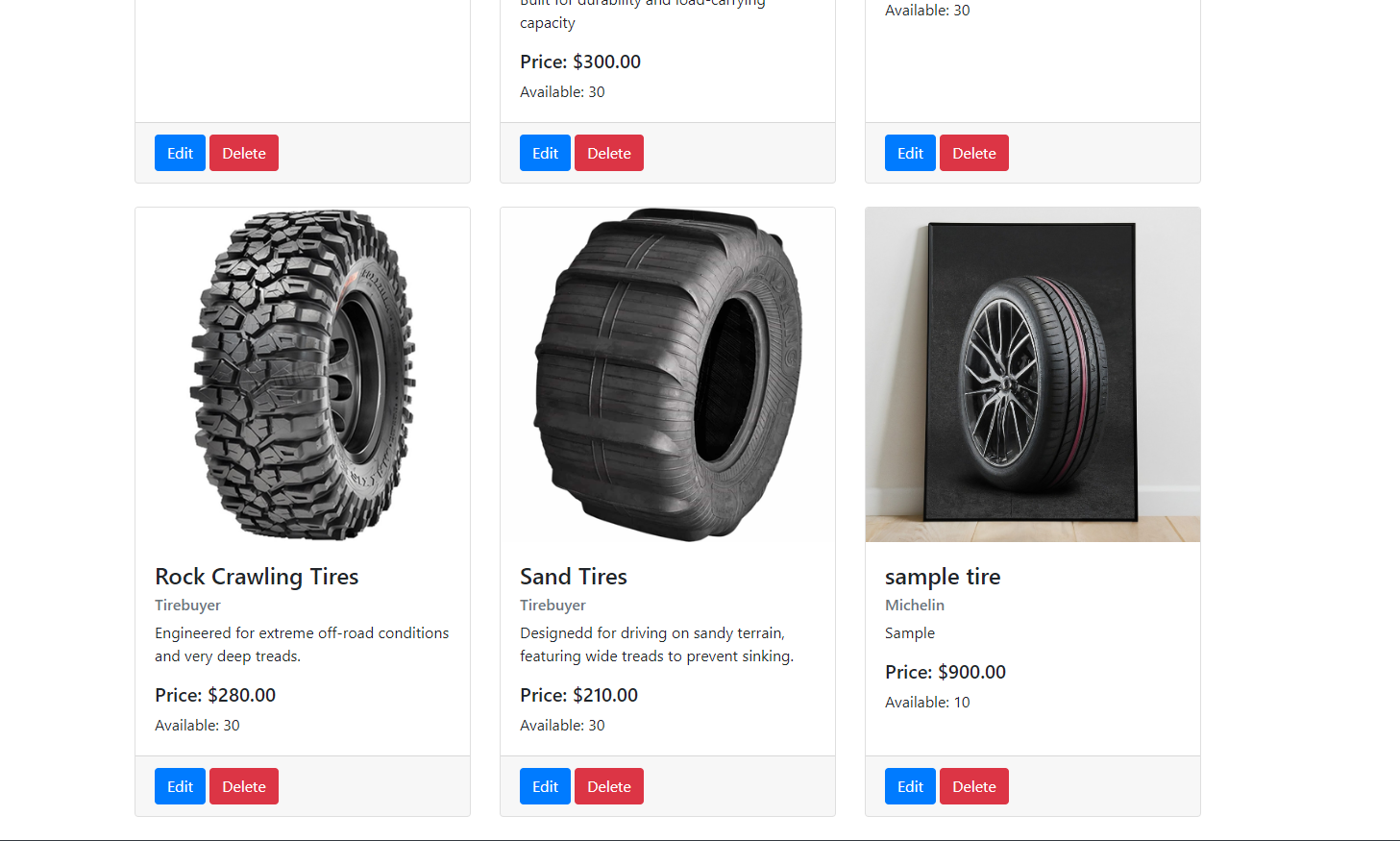
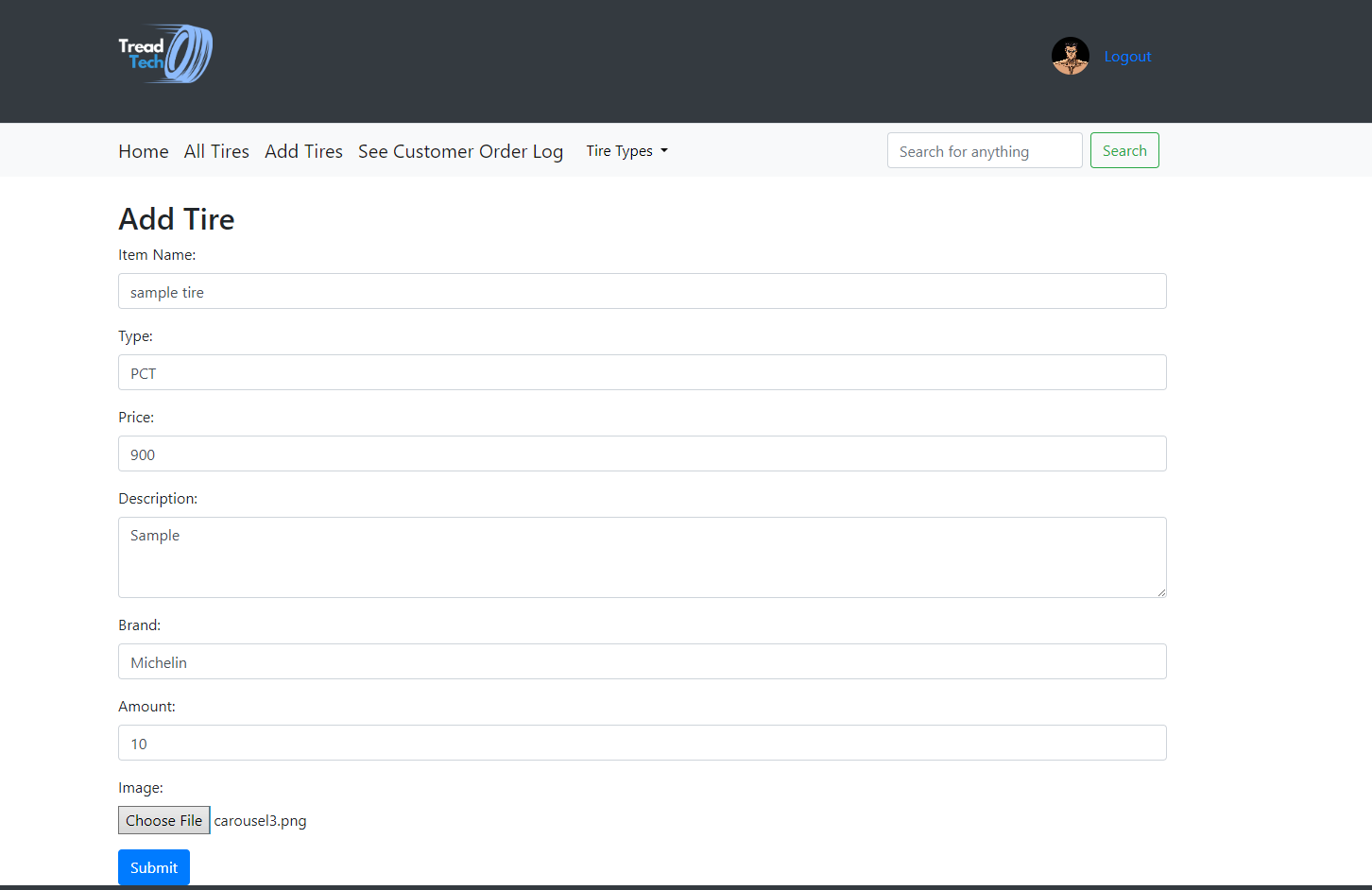
******

***login***

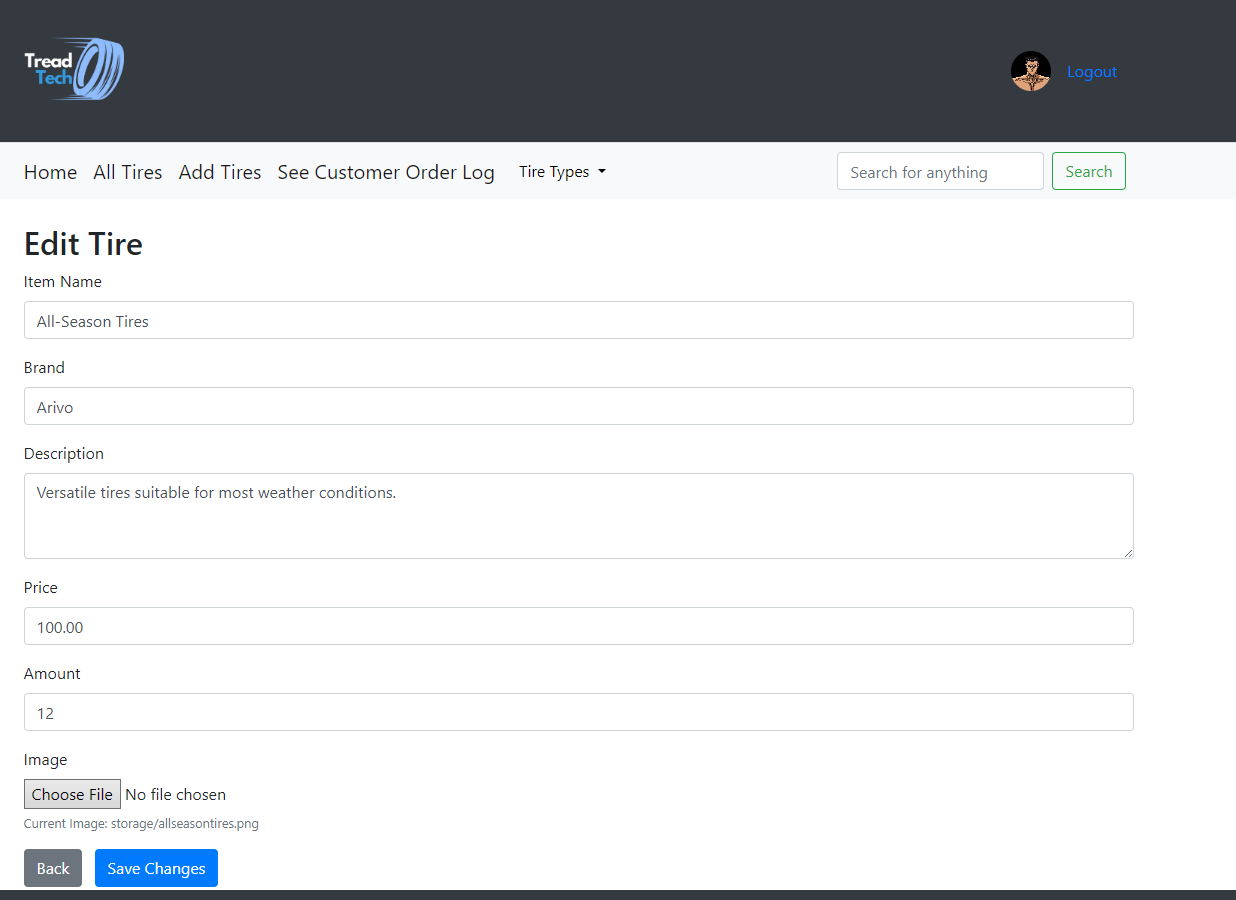
***Product Webpages***

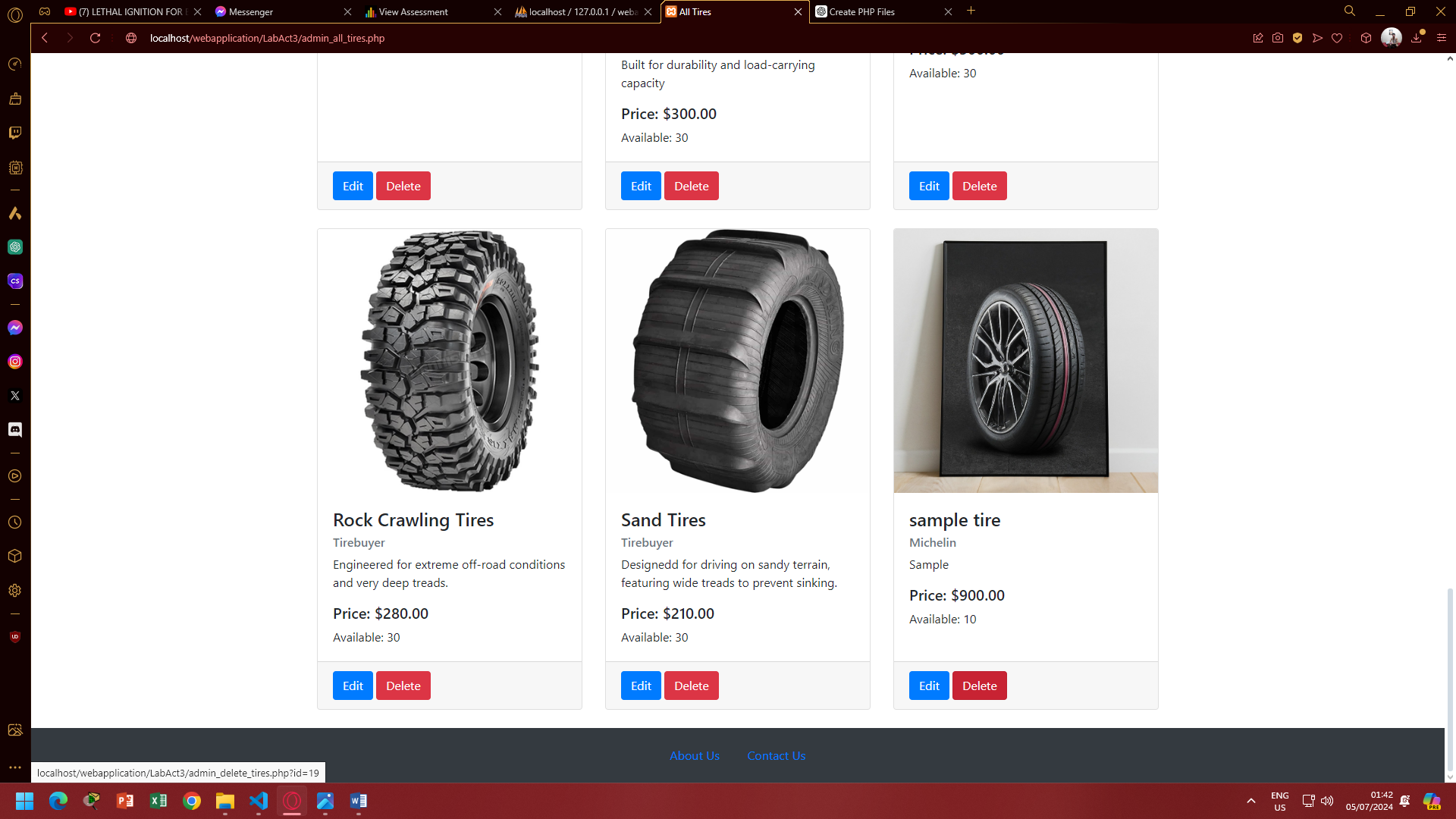
******

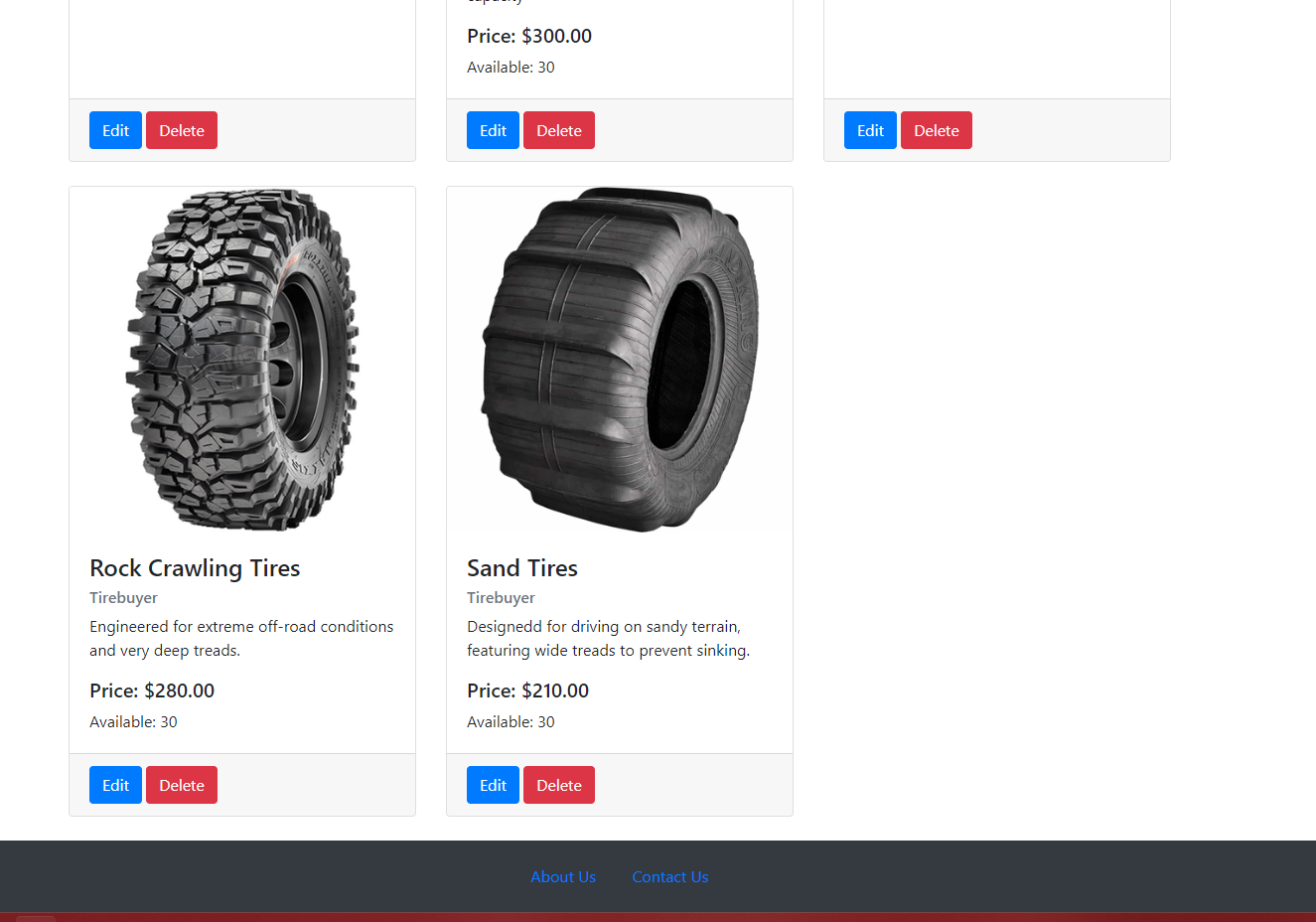
***Add tire***

****

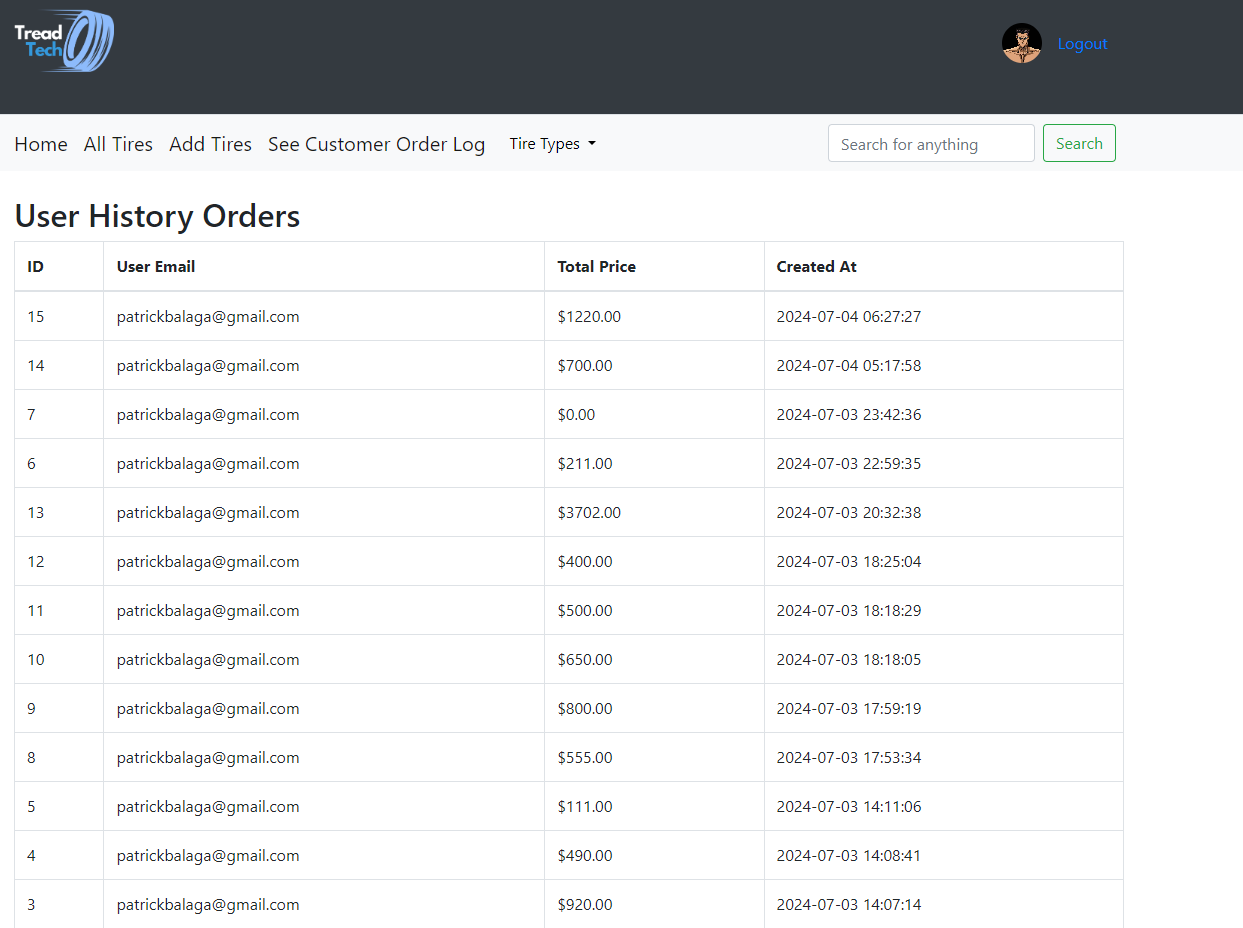
***Edit Tire***

******

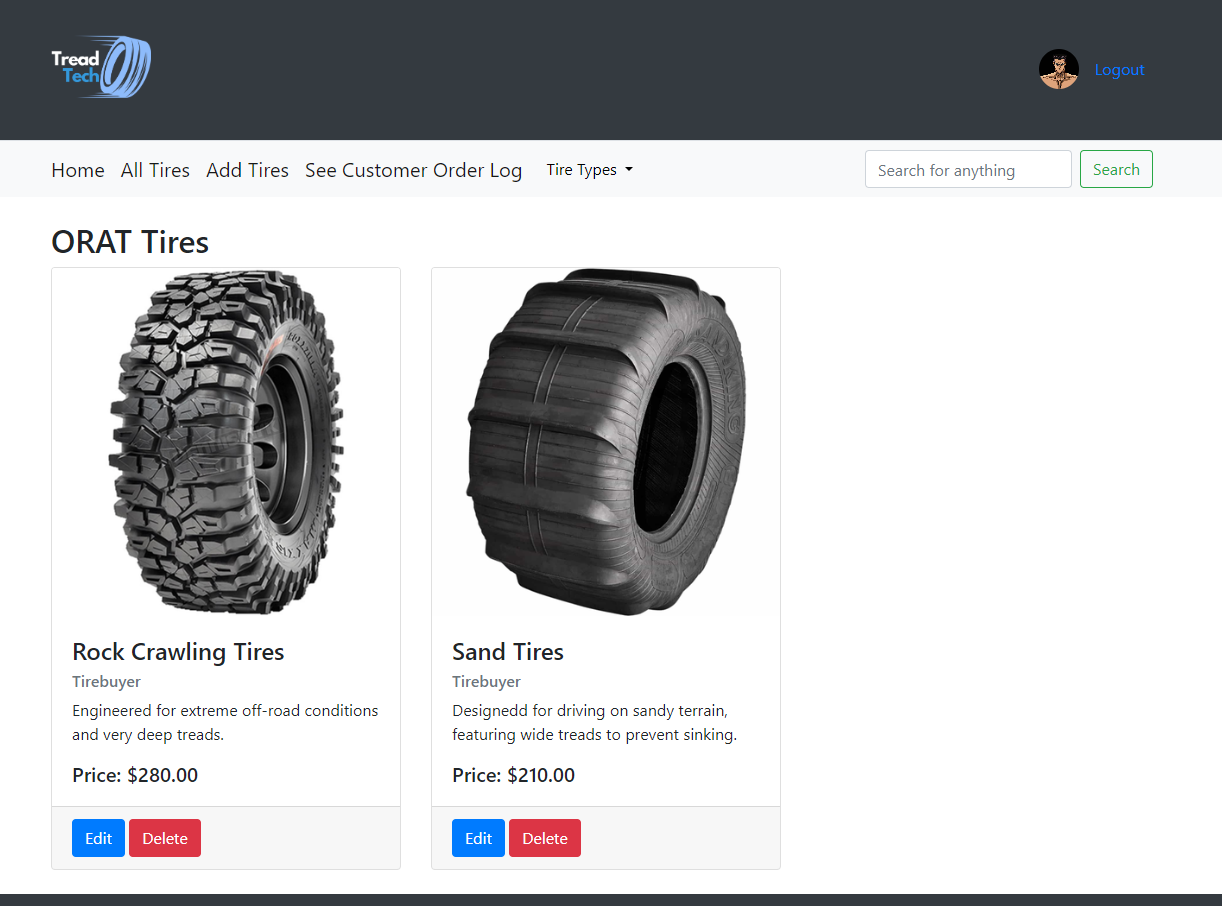
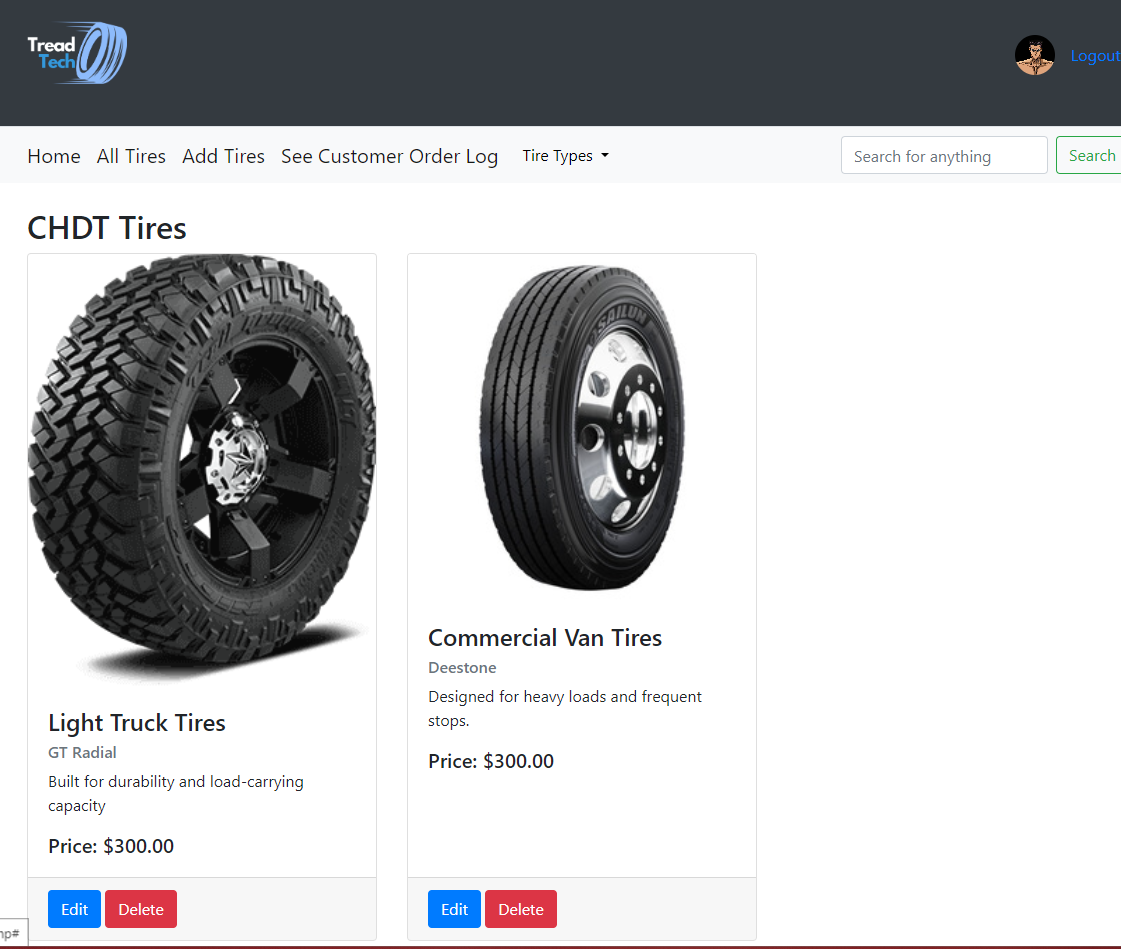
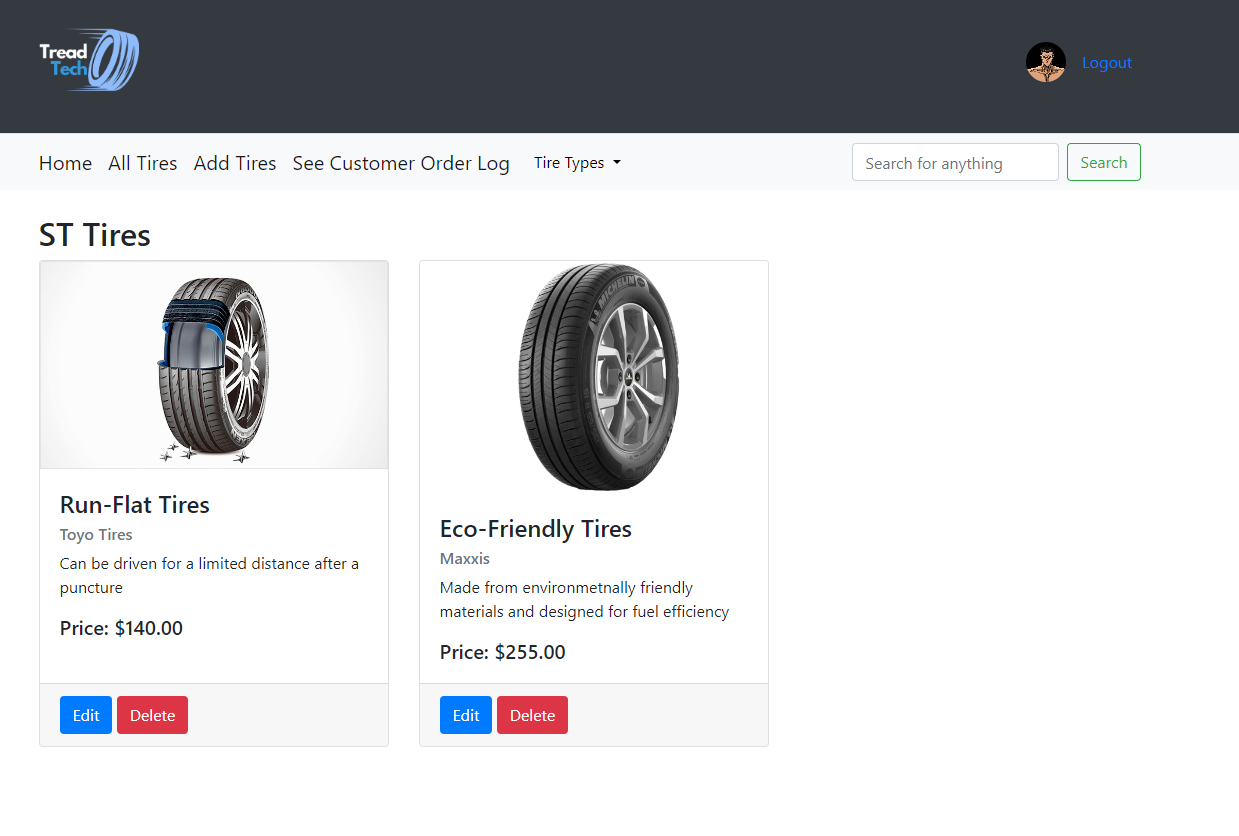
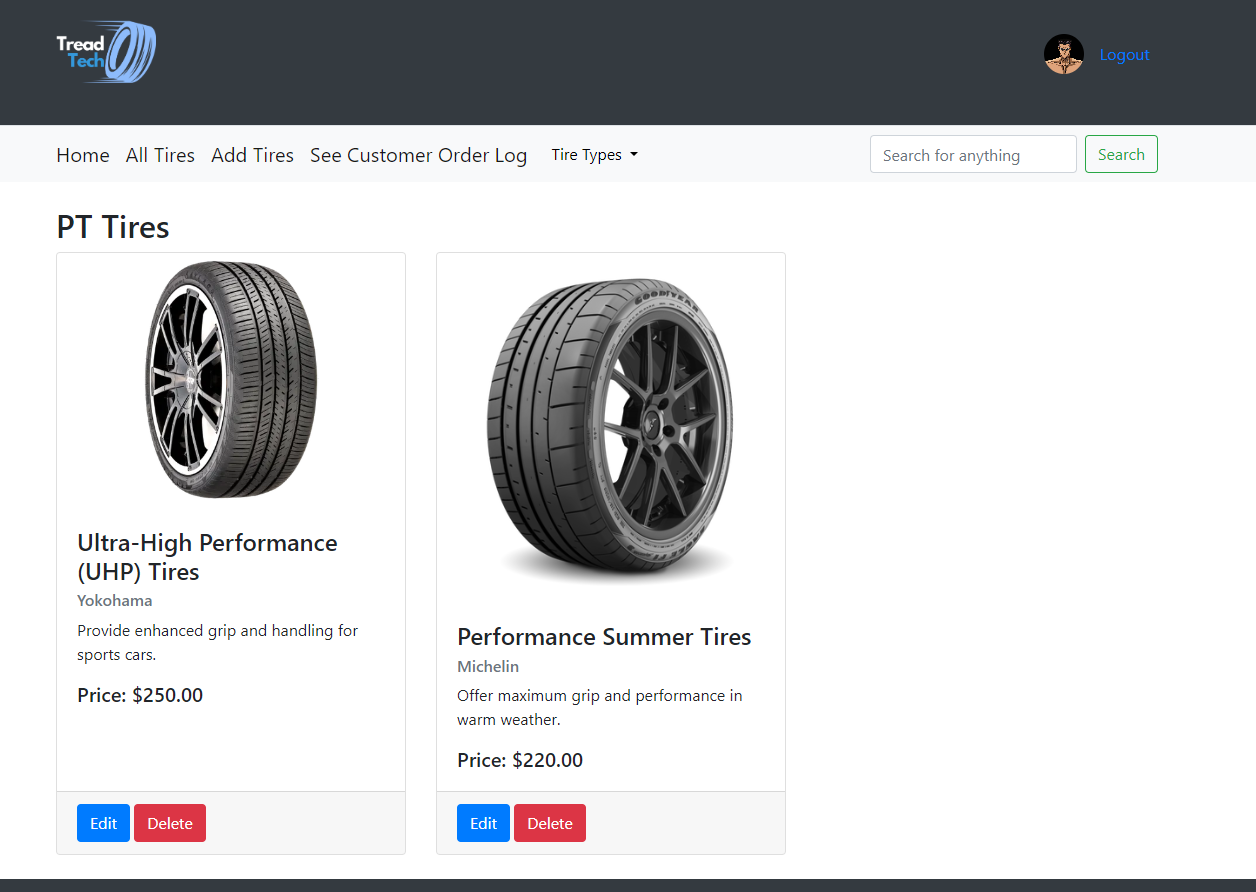
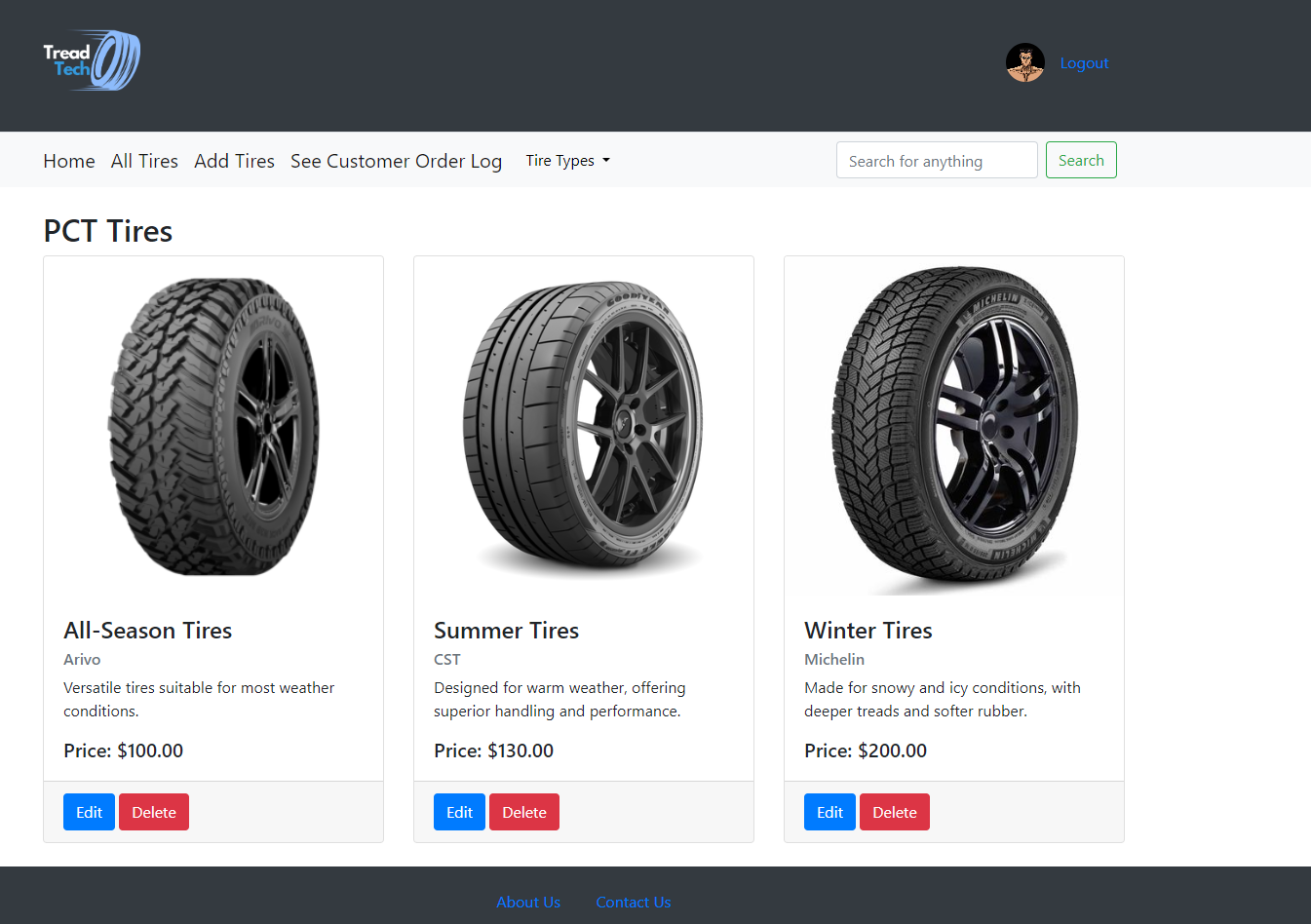
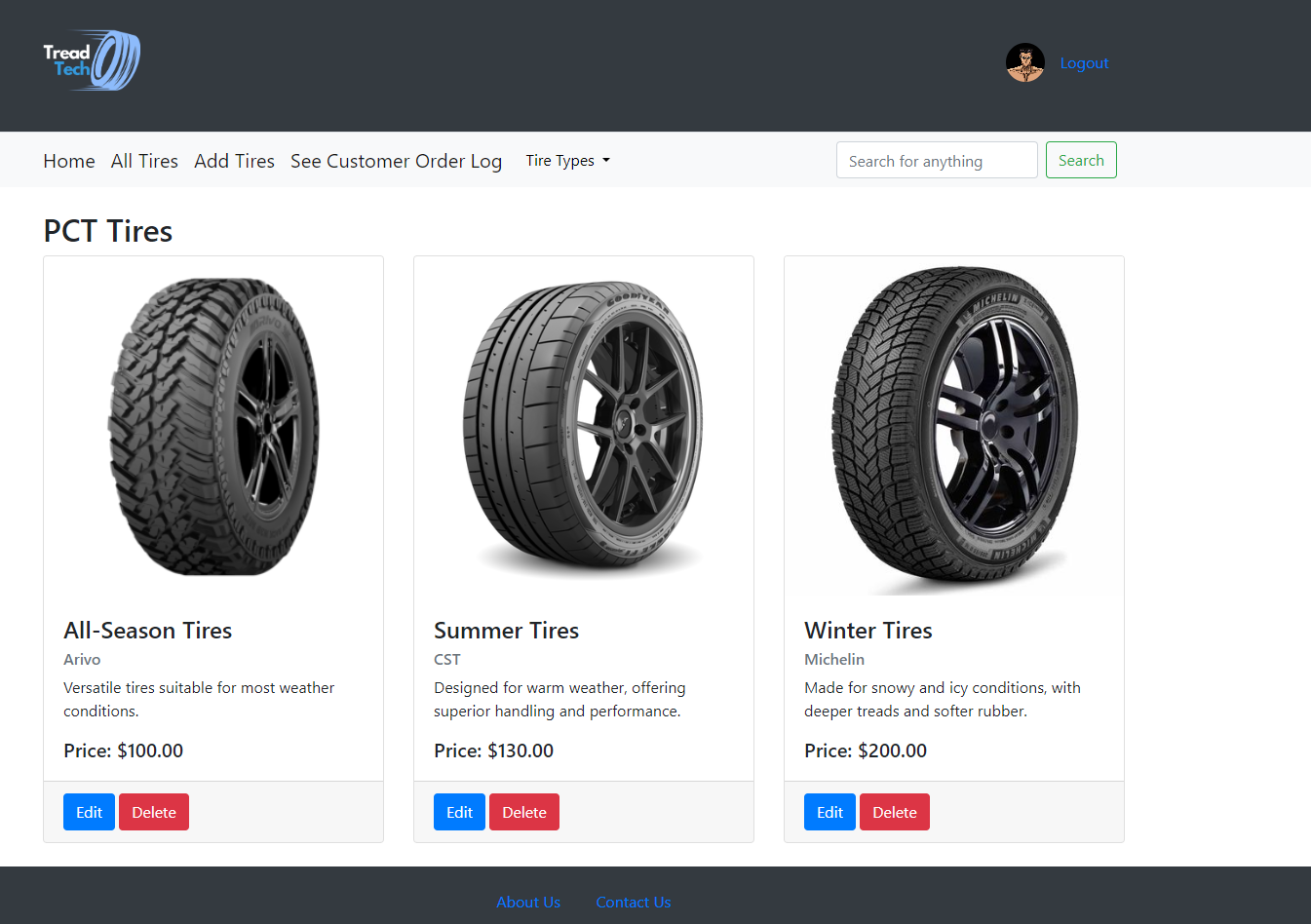
***Delete Tire***

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***Customer Order Logs***

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***Tire Types***

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