**REG NO. : 41242205009**

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**SOURCE CODE :**

**parking.html**

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Parking Management System</title>
    <link rel="stylesheet" href="styles.css">
</head>
<body>
    <div class="container">
        <h1>Parking Management System</h1>
        <form id="parkingForm" onsubmit="return validateForm()">
            <div class="form-group">
                <label for="name">Name:</label>
                <input type="text" id="name" name="name" required>
            </div>
            <div class="form-group">
                <label for="age">Age:</label>
                <select id="age" name="age" required>
                    <option value="">Select Age</option>
                    <!-- Generate options for age -->
                    <script>
                        for (let i = 18; i <= 100; i++) {
                            document.write(`<option value="${i}">${i}</option>`);
                        }
                    </script>
                </select>
            </div>
            <div class="form-group">
                <label for="contact">Contact Number:</label>
```

```
        <input type="number" id="contact" name="contact" required>
    </div>
    <div class="form-group">
        <label for="email">Mail ID:</label>
        <input type="email" id="email" name="email" required>
    </div>
    <div class="form-group">
        <label for="vehicleModel">Vehicle Model:</label>
        <input type="text" id="vehicleModel" name="vehicleModel" required>
    </div>
    <div class="form-group">
        <label for="vehicleType">Vehicle Type:</label>
        <div class="radio-group">
            <label><input type="radio" name="vehicleType" value="car" required>
     Car</label>
            <label><input type="radio" name="vehicleType" value="bike" required>
     Bike</label>
            <label><input type="radio" name="vehicleType" value="truck"
     required> Truck</label>
        </div>
    </div>
    <div class="form-group">
        <label for="parkingTimeFrom">Parking Time From:</label>
        <input type="datetime-local" id="parkingTimeFrom"
     name="parkingTimeFrom" required>
    </div>
    <div class="form-group">
        <label for="parkingTimeTo">Parking Time To:</label>
        <input type="datetime-local" id="parkingTimeTo" name="parkingTimeTo"
     required>
    </div>
    <div class="form-group">
        <label for="parkingFee">Parking Fee:</label>
        <input type="number" id="parkingFee" name="parkingFee" required>
    </div>
    <button type="submit">Submit</button>
</form>
```

```
    </div>
    <script src="script.js"></script>
</body>
</html>
```

**styles.css**

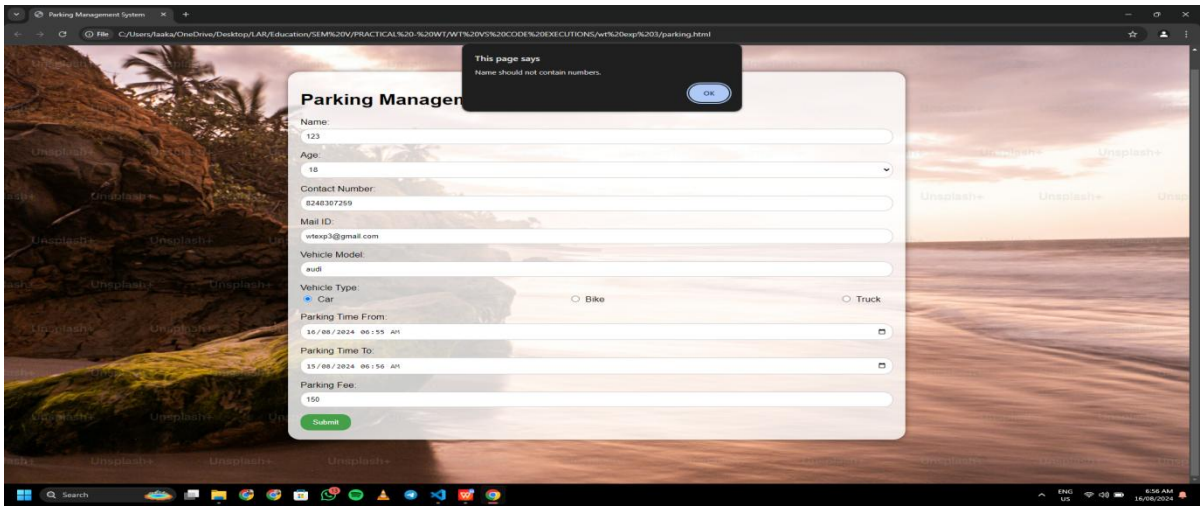
```
body {
    font-family: Arial, sans-serif;
    background-image: url('background.jpg');
    background-size: cover;
    background-position: center;
    margin: 0;
    padding: 0;
}
.container {
    width: 50%;
    margin: 5% auto;
    padding: 20px;
    background-color: rgba(255, 255, 255, 0.8);
    border-radius: 20px;
    box-shadow: 0 0 10px rgba(0, 0, 0, 0.5);
}
.form-group {
    margin-bottom: 15px;
}
label {
    display: block;
    margin-bottom: 5px;
}
input[type="text"], input[type="number"], input[type="email"], select, input[type="datetime-local"] {
    width: 100%;
    padding: 8px;
    box-sizing: border-box;
    border: 1px solid #ccc;
    border-radius: 15px;
}
```

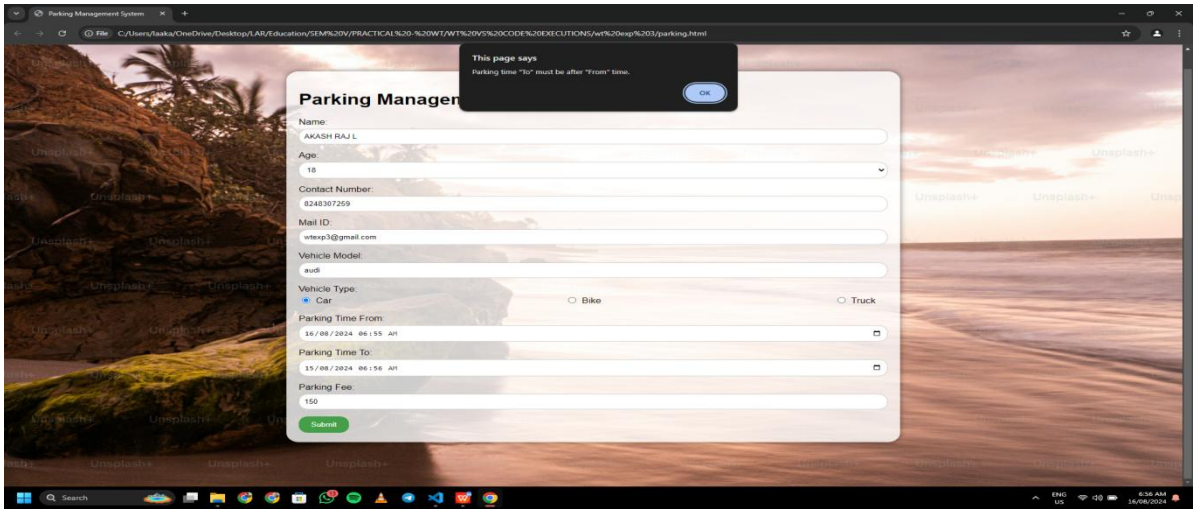
```
.radio-group {
    display: flex;
    justify-content: space-between;
}
.radio-group input {
    margin-right: 5px;
}
.radio-group label {
    margin-right: 20px;
}
button {
    padding: 10px 20px;
    background-color: #4CAF50;
    color: white;
    border: none;
    border-radius: 15px;
    cursor: pointer;
}
button:hover {
    background-color: #45a049;
}
```

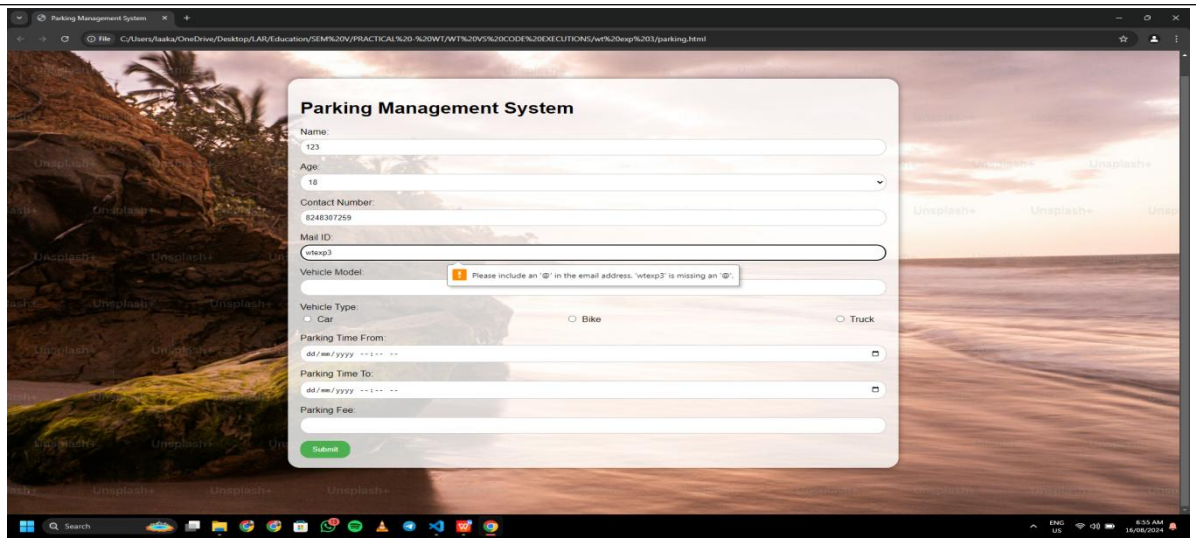
**script.js**

```
function validateForm() {
    const form = document.getElementById('parkingForm');
    // Validate name: should not contain numbers
    const name = document.getElementById('name').value;
    if (/\d/.test(name)) {
        alert('Name should not contain numbers.');
        return false;
    }
    // Validate email format: basic email pattern check
    const email = document.getElementById('email').value;
    const emailPattern = /^[a-zA-Z0-9._-]+@[a-zA-Z0-9.-]+\.[a-zA-Z]{2,6}$/;
    if (!emailPattern.test(email)) {
        alert('Please enter a valid email address.');
        return false;
```

```
}
// Validate parking time: "To" must be after "From"
const parkingTimeFrom = document.getElementById('parkingTimeFrom').value;
const parkingTimeTo = document.getElementById('parkingTimeTo').value;
if (new Date(parkingTimeFrom) >= new Date(parkingTimeTo)) {
    alert('Parking time "To" must be after "From" time.');
    return false;
}
// Check if terms and conditions checkbox is checked
const terms = document.getElementById('terms').checked;
if (!terms) {
    alert('You must agree to the terms and conditions.');
    return false;
 }   return true; }
```




Parking Management System
C:/Users/laaka/OneDrive/Desktop/LAR/Education/SEM%20V/PRACTICAL%20-%20WT/WT%20V5%20CODE%20EXECUTIONS/wt%20exp%203/parking.html
Parking Management System
Name:
123
Age:
18
Contact Number:
8248387259
Mail ID:
wtexp3
Please include an '@' in the email address. 'wtexp3' is missing an '@'.
Vehicle Model:
Vehicle Type:
Car
Bike
Truck
Parking Time From:
dd/mm/yyyy --:-- --
Parking Time To:
dd/mm/yyyy --:-- --
Parking Fee:
Submit
Search
ENG
US
6:55 AM
16/08/2024