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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 -->
        </select>
      </div>
    </form>
  </div>
  <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>
```

```
<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; }
```