

Assessment- Javascript

index.html

```
<!DOCTYPE html>
```

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

```
<head>
```

```
<meta charset="UTF-8" />
```

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

```
<title>Document</title>
```

```
<!-- Bootstrap CSS -->
```

```
<link
```

```
  href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.3/dist/css/bootstrap.min.css"
```

```
  rel="stylesheet"
```

```
  integrity="sha384-
```

```
rbSA2VBKQhggwzxH7pPCaAqO46MgnOM80zW1RWuH61DGLwZJEdK2Kadq2F9CUG65"
```

```
  crossorigin="anonymous"
```

```
/>
```

```
<style>
```

```
  body {
```

```
    background-color: #f8f9fa;
```

```
  }
```

```
  .container {
```

```
    max-width: 720px;
```

```
  }
```

```
</style>
```

```
</head>
```

```
<body>
```

```
<div class="container rounded bg-white shadow p-4 mt-5">
```

```
<h1 class="text-center mb-5">Hotel Management System</h1>
```

```
<form action="" id="regForm">
```

```
<!-- Full Name -->
```

```
<div class="mb-3">
```

```
<label for="name" class="form-label">Full Name</label>
```

```
<input
```

```
  type="text"
```

```
  class="form-control"
```

```
  id="name"
```

```
  placeholder="Enter your full name"
```

```
  required
```

```
</div>
```

```
<!-- Phone -->
```

```
<div class="mb-3">
```

```
<label for="Phone" class="form-label">Phone</label>
```

```
<input
```

```
  type="text"
```

```
  class="form-control"
```

```
  id="phone"
```

```
  placeholder="Enter 10 - digits number"
```

```
  required
```

```
</div>
```

<!-- Email -->

`<div class="mb-3">`

`<label for="Email" class="form-label">Email</label>`

`<input`

`type="email"`

`class="form-control"`

`id="email"`

`placeholder="Enter your email"`

`required`

`/>`

`</div>`

<!-- Address -->

`<div class="mb-3">`

`<label for="address" class="form-label">Address</label>`

`<textarea`

`class="form-control"`

`placeholder="MG Road,..."`

`id="address"`

`style="height: 100px"`

`></textarea>`

`</div>`

<!-- Aadhar card number -->

`<div class="mb-3">`

`<label for="acn" class="form-label">Aadhar Card number</label>`

`<input`

```
    type="text"
    class="form-control"
    id="aadhar"
    placeholder="Aadhar card number"
    required
  />
</div>
```

<!-- Check in Date -->

```
<div class="mb-3">
  <label for="checkindate" class="form-label">Check in date</label>
  <input type="date" class="form-control" id="checkindate" required />
</div>
```

<!-- Check out Date -->

```
<div class="mb-3">
  <label for="checkoutdate" class="form-label">Check out date</label>
  <input type="date" class="form-control" id="checkoutdate" required />
</div>
```

<!-- Number of Adult -->

```
<div class="mb-3">
  <label for="adult" class="form-label">Number of Adult</label>
  <input
    type="text"
    class="form-control"
    id="adult"
    placeholder="Number of Adult"
```

required

/>

</div>

<!-- Purpose of visit -->

<div class="mb-3">

<label for="visit" class="form-label">Purpose of Visit</label>

<textarea

class="form-control"

placeholder="Type here..."

id="visit"

style="height: 100px"

></textarea>

</div>

<!-- Check me out -->

<div class="mb-3 form-check">

<input type="checkbox" class="form-check-input" id="exampleCheck1" />

<label class="form-check-label" for="exampleCheck1"

>Check me out</label

>

</div>

<div class="d-flex justify-content-between">

<button type="reset" class="btn btn-secondary">Reset</button>

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

</div>

</form>

</div>

<script>

```
let regForm = document.getElementById("regForm");
```

```
regForm.addEventListener("submit", (e) => {
```

```
  e.preventDefault();
```

```
  let name = document.getElementById("name").value;
```

```
  let phone = document.getElementById("phone").value;
```

```
  let email = document.getElementById("email").value;
```

```
  let address = document.getElementById("address").value;
```

```
  let aadhar = document.getElementById("aadhar").value;
```

```
  let checkindate = document.getElementById("checkindate").value;
```

```
  let checkoutdate = document.getElementById("checkoutdate").value;
```

```
  let adult = document.getElementById("adult").value;
```

```
  let visit = document.getElementById("visit").value;
```

```
  let phonePattern = /^\d{10}$/;
```

```
  let emailPattern = /^[^\s@]+@[^\s@]+\.[^\s@]+$/;
```

```
  if (
```

```
    !name ||
```

```
    !phone ||
```

```
    !email ||
```

```
    !address ||
```

```
    !aadhar ||
```

```
    !checkindate ||
```

```
    !checkoutdate ||
```

```
!adult ||
!visit
){
    alert("All Fields are required");
}

if (name.length < 3) {
    alert("Name at least 3 character");
}

if (!phonePattern.test(phone)) {
    alert("Phone number must be 10 digits");
}

if (!email.match(emailPattern)) {
    alert("Please enter a valid email address");
}

if (address == "") {
    alert("Please enter address");
}

let checkin = new Date(checkindate);
let checkout = new Date(checkoutdate);
let now = new Date();

if (checkin < now || checkout < now) {
    alert("Dates must be today or in the future");
}
```

```
if (checkout <= checkin) {  
    alert("Checkout date must be after check-in date");  
}
```

```
if (!adult > 1) {  
    alert("Adults are required");  
}
```

```
alert("Form submitted successfully ");
```

```
// localStorage
```

```
let reg = JSON.parse(localStorage.getItem("registrations")) || [];
```

```
reg.push({  
    name,  
    phone,  
    email,  
    address,  
    aadhar,  
    checkindate,  
    checkoutdate,  
    adult,  
    visit,  
});
```

```
localStorage.setItem("registration", JSON.stringify(reg));
```



```
    alert("Registration Successfully...");

    regForm.reset();

    setTimeout(() => {
        window.location.href = "view.html";
    }, 1500);
});
</script>
<!-- Bootstrap JS -->
<script
    src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.3/dist/js/bootstrap.bundle.min.js"
    integrity="sha384-
kenU1KFdBle4zVF0s0G1M5b4hcpyD9F7jL+jjXkk+Q2h455rYXK/7HAuoJl+0l4"
    crossorigin="anonymous"
></script>
</body>
</html>
```

View.html

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <title>Document</title>
    <!-- Bootstrap CSS -->
    <link
```

```
href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.3/dist/css/bootstrap.min.css"
rel="stylesheet"
integrity="sha384-
rbsA2VBKQhggwzxH7pPCaAqO46MgnOM80zW1RWuH61DGLwZJEdK2Kadq2F9CUG65
"

crossorigin="anonymous"
/>
</head>
<body>
<div class="container mt-5">
<h2 class="text-center mb-4">Registered Guest's</h2>

<table class="table table-bordered table-hover text-center align-middle">
<thead class="table-dark">
<tr>
<th>#</th>
<th>Name</th>
<th>Phone</th>
<th>Email</th>
<th>Address</th>
<th>Aadhar card number</th>
<th>Check In date</th>
<th>Check Out date</th>
<th>Adults</th>
<th>Visit</th>
<th>Action</th>
</tr>
</thead>
<tbody id="regTbl"></tbody>
```

```
</table>

</div>

<div class="container mt-5">

  <a href="index.html">Back</a>

</div>


<script>

let tblBody = document.getElementById("regTbl");


const reg = JSON.parse(localStorage.getItem("registration")) || [];


function renderTbl() {
  tblBody.innerHTML = "";
  if (reg.length == 0) {
    tblBody.innerHTML = `<tr>
      <td colspan="11" class="text-center">
        "No Data Found";
      </td>
    </tr>`;
  } else {
    reg.forEach((val, index) => {
      let rows = `<tr>
        <td>${index + 1}</td>
        <td>${val.name}</td>
        <td>${val.phone}</td>
        <td>${val.email}</td>
        <td>${val.address}</td>
        <td>${val.aadhar}</td>
```

```

        <td>${val.checkindate}</td>

        <td>${val.checkoutdate}</td>

        <td>${val.adult}</td>

        <td>${val.visit}</td>

        <td>

            <button class="btn btn-sm btn-warning"
onclick="editRecord(${index})">Edit</button>

            <button class="btn btn-sm btn-danger"
onclick="deleteRecord(${index})">Delete</button>

        </td>

    </tr>`;

```

```

tblBody.innerHTML += rows;

});

}

}

```

```

function deleteRecord(index) {
    if (confirm("Are you sure to delete this record?")) {
        reg.splice(index, 1);
        localStorage.setItem("registration", JSON.stringify(reg));
        renderTbl();
    }
}

```

```

function editRecord(index) {
    let newName = prompt("Enter your new name : ", reg[index].name);
    reg[index].name = newName;
    localStorage.setItem("registration", JSON.stringify(reg));
}

```

```
renderTbl();
}

// Initial render
renderTbl();
</script>
<!-- Bootstrap JS -->
<script
  src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.3/dist/js/bootstrap.bundle.min.js"
  integrity="sha384-
kenU1KFdBle4zVF0s0G1M5b4hcpyD9F7jL+jjXkk+Q2h455rYXK/7HAuoJl+0l4"
  crossorigin="anonymous"
></script>
</body>
</html>
```