Hospital-Patient-Record-System

```
<!DOCTYPE html>
<html lang="en">
<head>
 <meta charset="UTF-8" />
 <meta name="viewport" content="width=device-width, initial-scale=1.0"/>
 <title>Hospital Patient Record System</title>
 <style>
 body {
  font-family: Arial, sans-serif;
  background: #f4f6f8;
  margin: 0;
  padding: 20px;
 }
 h1 {
  text-align: center;
  color: #333;
 }
 .container {
  max-width: 800px;
  margin: auto;
  background: #fff;
  padding: 20px;
  box-shadow: 0 0 15px rgba(0,0,0,0.1);
  border-radius: 10px;
 }
 input, button {
  padding: 10px;
```

```css
      margin: 5px 0;

      width: 100%;

      box-sizing: border-box;

    }

    table {

      width: 100%;

      border-collapse: collapse;

      margin-top: 15px;

    }

    th, td {

      border: 1px solid #ccc;

      padding: 10px;

    }

    th {

      background-color: #e2e8f0;

    }

    .btn {

      background-color: #2b6cb0;

      color: white;

      border: none;

      cursor: pointer;

    }

    .btn:hover {

      background-color: #2c5282;

    }

  </style>

</head>

<body>
```

```html
<div class="container">
  <h1>Hospital Patient Record System</h1>

  <input type="number" id="id" placeholder="Patient ID" />
  <input type="text" id="name" placeholder="Patient Name" />
  <input type="number" id="age" placeholder="Patient Age" />
  <input type="text" id="disease" placeholder="Disease" />
  <button class="btn" onclick="addPatient()">Add Patient</button>

  <input type="number" id="searchId" placeholder="Enter ID to Search/Delete" />
  <button class="btn" onclick="searchPatient()">Search Patient</button>
  <button class="btn" onclick="deletePatient()">Delete Patient</button>

  <h3>All Patient Records</h3>
  <table id="patientTable">
    <thead>
      <tr>
        <th>ID</th>
        <th>Name</th>
        <th>Age</th>
        <th>Disease</th>
      </tr>
    </thead>
    <tbody>
      <!-- Patient records will appear here -->
    </tbody>
  </table>
```

```
</div>

<script>
let patients = [];

function addPatient() {
  const id = parseInt(document.getElementById("id").value);
  const name = document.getElementById("name").value.trim();
  const age = parseInt(document.getElementById("age").value);
  const disease = document.getElementById("disease").value.trim();

  if (!id || !name || !age || !disease) {
   alert("Please fill all fields!");
   return;
  }

  // Check duplicate ID
  if (patients.some(p => p.id === id)) {
   alert("Patient with this ID already exists!");
   return;
  }

  patients.unshift({ id, name, age, disease });
  displayAll();
  clearInputs();
}

function deletePatient() {
```

```javascript
  const searchId = parseInt(document.getElementById("searchId").value);

  const beforeCount = patients.length;

  patients = patients.filter(p => p.id !== searchId);


  if (patients.length === beforeCount) {

   alert("No patient found with this ID.");

  } else {

   alert("Patient deleted successfully.");

  }

  displayAll();

}


function searchPatient() {

  const searchId = parseInt(document.getElementById("searchId").value);

  const patient = patients.find(p => p.id === searchId);

  if (patient) {

   alert(Found:\nName: ${patient.name}\nAge: ${patient.age}\nDisease: ${patient.disease});

  } else {

   alert("Patient not found.");

  }

}


function displayAll() {

  const tbody = document.getElementById("patientTable").querySelector("tbody");

  tbody.innerHTML = "";

  patients.forEach(p => {

   const row = `<tr>

    <td>${p.id}</td>
```

```
    <td>${p.id} </td>
    <td>${p.name}</td>
    <td>${p.age}</td>
    <td>${p.disease}</td>
    </tr>`;
    tbody.innerHTML += row;
  });
}


function clearInputs() {
  document.getElementById("id").value = "";
  document.getElementById("name").value = "";
  document.getElementById("age").value = "";
  document.getElementById("disease").value = "";
}
</script>

</body>
</html>
```