HTML CODE

```html
<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

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

  <title>Book Management System</title>

  <link rel="stylesheet" href="styles.css">

</head>

<body>

  <h2>🗄 Book Management System</h2>


  <div>

    <input type="text" id="bookNumber" placeholder="Book Number">

    <input type="text" id="bookName" placeholder="Book Name">

    <input type="text" id="authorName" placeholder="Author Name">

    <input type="number" id="copies" placeholder="Copies">

    <button onclick="addBook()">Add Book</button>

    <button onclick="updateBook()" id="updateBtn" style="display:none;">Update Book</button>

  </div>


  <div>

    <input type="text" id="searchBox" placeholder="Search by Name or Author" onkeyup="searchBooks()">

  </div>


  <h3>📖 Available Books</h3>

  <table id="bookTable">

    <tr>

      <th>Book Number</th>

      <th>Name</th>
```

```html
          <th>Author</th>

          <th>Copies</th>

          <th>Actions</th>

        </tr>

    </table>


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

JAVASCRIPTS CODE

```javascript
let books = JSON.parse(localStorage.getItem("books")) || [];

let editIndex = -1; // To track book being edited


function addBook() {

    let bookNumber = document.getElementById("bookNumber").value;

    let bookName = document.getElementById("bookName").value;

    let authorName = document.getElementById("authorName").value;

    let copies = document.getElementById("copies").value;


    if (bookNumber && bookName && authorName && copies) {

        books.push({ bookNumber, bookName, authorName, copies });

        localStorage.setItem("books", JSON.stringify(books));

        displayBooks();

        clearForm();

    } else {

        alert("Please fill in all fields!");

    }

}


function displayBooks(filteredBooks = books) {

    let table = document.getElementById("bookTable");
```

```javascript
    table.innerHTML = `<tr>

      <th>Book Number</th>

      <th>Name</th>

      <th>Author</th>

      <th>Copies</th>

      <th>Actions</th>

    </tr>`;


    filteredBooks.forEach((book, index) => {

      let row = table.insertRow();

      row.insertCell(0).innerText = book.bookNumber;

      row.insertCell(1).innerText = book.bookName;

      row.insertCell(2).innerText = book.authorName;

      row.insertCell(3).innerText = book.copies;

      let actions = row.insertCell(4);

      actions.innerHTML = `

        <button onclick="editBook(${index})"> 🖊 Edit</button>

        <button onclick="deleteBook(${index})"> ✖ Delete</button>

      `;

    });

}


function deleteBook(index) {

   books.splice(index, 1);

   localStorage.setItem("books", JSON.stringify(books));

   displayBooks();

}


function editBook(index) {

   let book = books[index];

   document.getElementById("bookNumber").value = book.bookNumber;
```

```javascript
        document.getElementById("bookName").value = book.bookName;

        document.getElementById("authorName").value = book.authorName;

        document.getElementById("copies").value = book.copies;


        editIndex = index; // Store index of book being edited

        document.getElementById("updateBtn").style.display = "inline";
    }


    function updateBook() {
        if (editIndex !== -1) {
            books[editIndex].bookNumber = document.getElementById("bookNumber").value;

            books[editIndex].bookName = document.getElementById("bookName").value;

            books[editIndex].authorName = document.getElementById("authorName").value;

            books[editIndex].copies = document.getElementById("copies").value;


            localStorage.setItem("books", JSON.stringify(books));

            displayBooks();

            clearForm();

            document.getElementById("updateBtn").style.display = "none";

            editIndex = -1; // Reset edit index
        }
    }


    function searchBooks() {
        let query = document.getElementById("searchBox").value.toLowerCase();

        let filteredBooks = books.filter(book =>
            book.bookName.toLowerCase().includes(query) ||
            book.authorName.toLowerCase().includes(query)
        );

        displayBooks(filteredBooks);
    }
```

```javascript
function clearForm() {

    document.getElementById("bookNumber").value = "";

    document.getElementById("bookName").value = "";

    document.getElementById("authorName").value = "";

    document.getElementById("copies").value = "";

}


// Display books on page load

displayBooks();
```

CSS STYLING

```css
body {

    font-family: Arial, sans-serif;

    text-align: center;

    margin: 20px;

    background-color: #f4f4f4;

}


h2, h3 {

    color: #333;

}


input, button {

    margin: 5px;

    padding: 10px;

}


button {

    cursor: pointer;

    background-color: #28a745;

    color: white;
```

```css
    border: none;

    padding: 10px;

}


button:hover {

    opacity: 0.8;

}


table {

    width: 80%;

    margin: auto;

    border-collapse: collapse;

    background: white;

}


th, td {

    padding: 10px;

    border: 1px solid black;

}


th {

    background-color: #007bff;

    color: white;

}


td button {

    margin: 5px;

}
```