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LG1

Screenshot
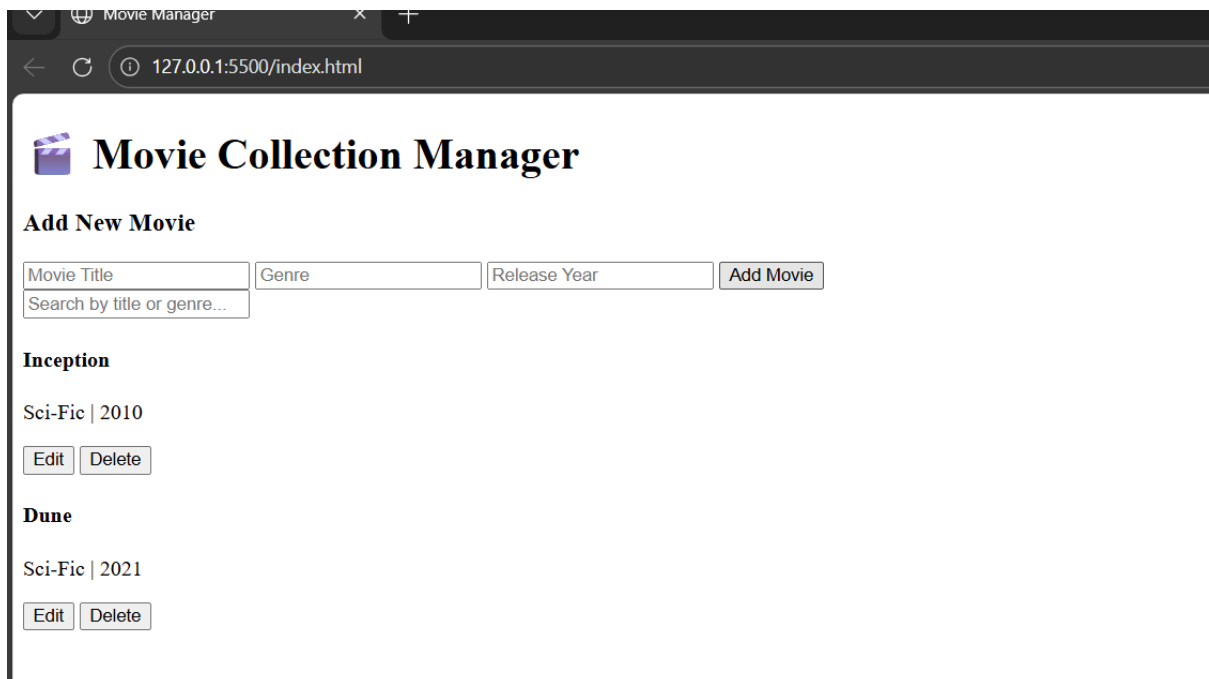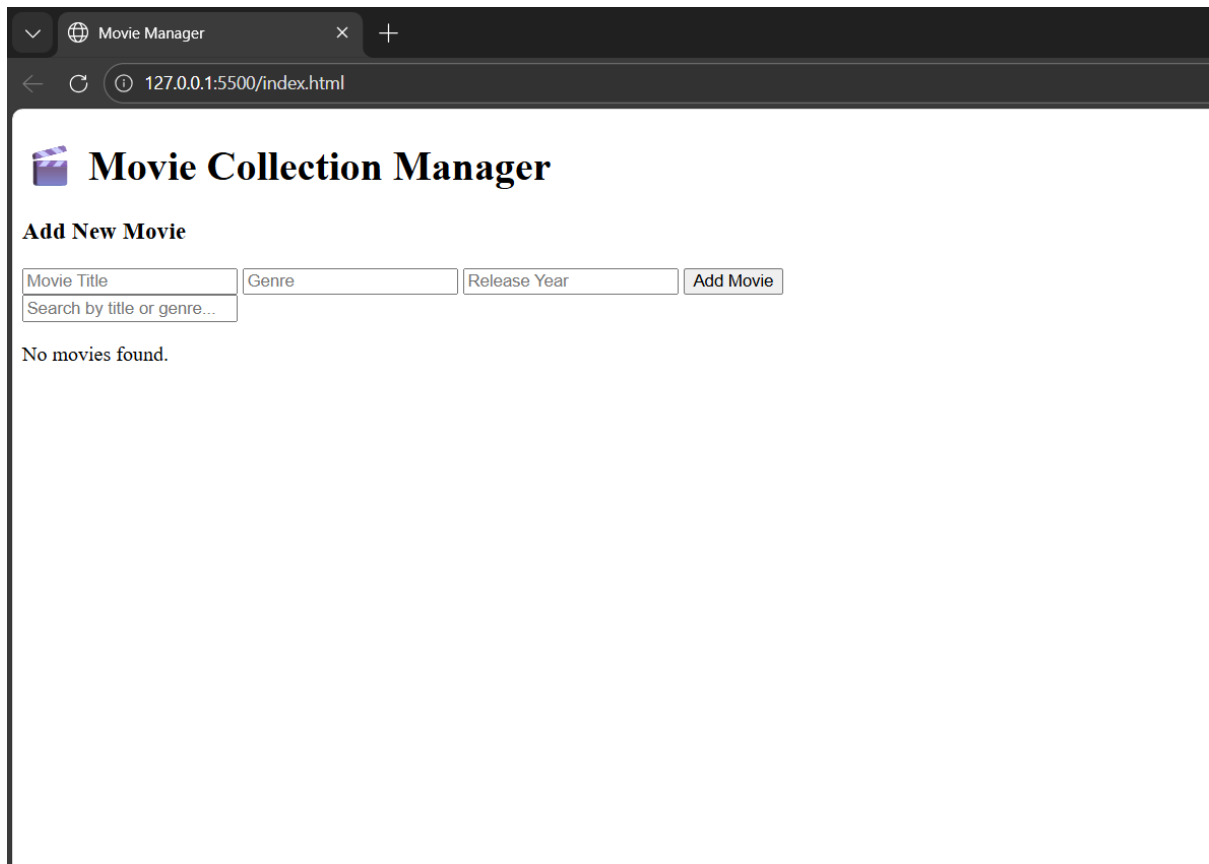
🎬 Movie Collection Manager

Add New Movie

| Movie Title | Genre | Release Year | Add Movie |

Search by title or genre...

No movies found.

🎬 Movie Collection Manager

Add New Movie

| Movie Title | Genre | Release Year | Add Movie |

Search by title or genre...

Inception

Sci-Fic | 2010

Edit Delete

Dune

Sci-Fic | 2021

Edit Delete

🎬 Movie Collection Manager

Add New Movie

| Movie Title | Genre | Release Year | Add Movie |

Search by title or genre...

Inception

Sci-Fic | 2010

Edit Delete

Dune

Sci-Fic | 2021

Edit Delete

Pulp Fiction

Crime | 1994

Edit Delete

🎬 Movie Collection Manager

Add New Movie

| Movie Title | Genre | Release Year | Add Movie |

Search by title or genre...

Humsafar

Love Story | 2015

Edit Delete

Dune

Sci-Fic | 2021

Edit Delete

Pulp Fiction

Crime | 1994

Edit Delete

Codes

Index.html

```html
<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <title>Movie Manager</title>

    <link rel="stylesheet" href="css/style.css">

</head>

<body>


<div class="container">

    <h1>🎬 Movie Collection Manager</h1>


    <form id="add-movie-form" class="card">

        <h3>Add New Movie</h3>


        <input type="text" id="title" placeholder="Movie Title" required>

        <input type="text" id="genre" placeholder="Genre">

        <input type="number" id="year" placeholder="Release Year" required>
```
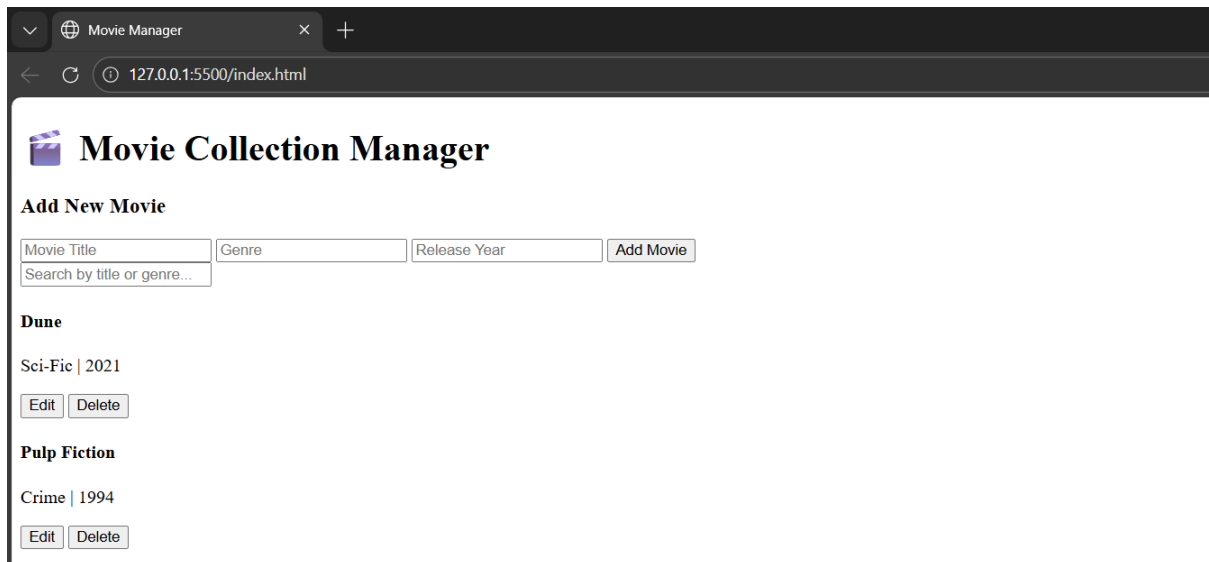
```html
        <button type="submit">Add Movie</button>
    </form>


    <div class="search-box">
        <input type="text" id="search-input" placeholder="Search by title or genre...">
    </div>


    <div id="movie-list"></div>
</div>
<script src="script.js"></script>
</body>
</html>
```

Style.css

```css
* {
    box-sizing: border-box;
    font-family: Arial, Helvetica, sans-serif;
}


body {
    background: #f4f6f8;
    margin: 0;
    padding: 0;
}


.container {
    max-width: 800px;
    margin: 40px auto;
    padding: 20px;
}
```

```css
h1 {
    text-align: center;
    color: #333;
}

.card {
    background: #fff;
    padding: 20px;
    border-radius: 8px;
    box-shadow: 0 2px 6px rgba(0,0,0,0.1);
    margin-bottom: 20px;
}

.card input {
    width: 100%;
    padding: 10px;
    margin: 8px 0;
}

.card button {
    width: 100%;
    padding: 10px;
    background: #007bff;
    border: none;
    color: white;
    font-size: 16px;
    border-radius: 5px;
    cursor: pointer;
}
```

```css
.card button:hover {

    background: #0056b3;

}


.search-box input {

    width: 100%;

    padding: 10px;

    margin-bottom: 20px;

}


.movie-item {

    background: white;

    padding: 15px;

    margin-bottom: 10px;

    border-radius: 6px;

    display: flex;

    justify-content: space-between;

    align-items: center;

    box-shadow: 0 1px 4px rgba(0,0,0,0.1);

}


.movie-item h4 {

    margin: 0;

}


.movie-item p {

    margin: 5px 0 0;

    color: #666;

}


.actions button {
```

```css
    margin-left: 5px;

    padding: 6px 10px;

    border: none;

    border-radius: 4px;

    cursor: pointer;

}


.actions .edit {

    background: #28a745;

    color: white;

}


.actions .delete {

    background: #dc3545;

    color: white;

}


.actions button:hover {

    opacity: 0.85;

}


.empty {

    text-align: center;

    color: #777;

}
```

Script.js

```javascript
// In-memory movie list

let allMovies = [];
```

```javascript
// DOM elements
const movieListDiv = document.getElementById('movie-list');

const searchInput = document.getElementById('search-input');

const form = document.getElementById('add-movie-form');


// Render movies
function renderMovies(moviesToDisplay) {
  movieListDiv.innerHTML = '';


  if (moviesToDisplay.length === 0) {
    movieListDiv.innerHTML = '<p class="empty">No movies found.</p>';
    return;
  }


  moviesToDisplay.forEach(movie => {
    const movieElement = document.createElement('div');
    movieElement.classList.add('movie-item');


    movieElement.innerHTML = `
      <div>
        <h4>${movie.title}</h4>
        <p>${movie.genre} | ${movie.year}</p>
      </div>
      <div class="actions">
        <button class="edit" onclick="editMoviePrompt('${movie.id}')">Edit</button>
        <button class="delete" onclick="deleteMovie('${movie.id}')">Delete</button>
      </div>
    `;


    movieListDiv.appendChild(movieElement);
  });
```

```javascript
}

// Initial render
renderMovies(allMovies);

// Search movies
searchInput.addEventListener('input', () => {
  const text = searchInput.value.toLowerCase();

  const filtered = allMovies.filter(movie =>
    movie.title.toLowerCase().includes(text) ||
    movie.genre.toLowerCase().includes(text)
  );

  renderMovies(filtered);
});

// Add movie
form.addEventListener('submit', event => {
  event.preventDefault();

  const newMovie = {
    id: crypto.randomUUID(),
    title: document.getElementById('title').value,
    genre: document.getElementById('genre').value,
    year: parseInt(document.getElementById('year').value)
  };

  allMovies.push(newMovie);
  form.reset();
  renderMovies(allMovies);
```

```javascript
});


// Edit movie
function editMoviePrompt(id) {
    const movie = allMovies.find(m => m.id === id);
    if (!movie) return;


    const newTitle = prompt("Enter new title:", movie.title);
    const newYear = prompt("Enter new year:", movie.year);
    const newGenre = prompt("Enter new genre:", movie.genre);


    if (!newTitle || !newYear || !newGenre) return;
    if (isNaN(newYear)) {
        alert("Year must be a number");
        return;
    }


    movie.title = newTitle;
    movie.year = parseInt(newYear);
    movie.genre = newGenre;


    renderMovies(allMovies);
}


// Delete movie
function deleteMovie(id) {
    if (!confirm("Are you sure you want to delete this movie?")) return;
    allMovies = allMovies.filter(m => m.id !== id);
    renderMovies(allMovies);
}
```

Movies.json

```json
{
  "movies": [
    {
      "id": 1,
      "title": "Inception",
      "genre": "Sci-Fi",
      "year": 2010
    },
    {
      "id": 2,
      "title": "Pulp Fiction",
      "genre": "Crime",
      "year": 1994
    },
    {
      "id": 3,
      "title": "Dune",
      "genre": "Sci-Fi",
      "year": 2021
    },
    {
      "id": "1765296044814",
      "title": "marvel the avengers",
      "genre": "Action, Adventure, Fantasy, Sci-Fi",
      "year": 2020
    }
  ]
}
```

Link of Github

https://github.com/aman2072/Full-Stack-Development-FSD-/upload/main