|  |  |
| --- | --- |
| **Ex. No. 5** | **App in React** |
|  |

**App.js**

import {useEffect, useState} from 'react';

import MovieCard from './MovieCard';

import './App.css';

import SearchIcon from './search.svg';

const API\_URL = 'http://www.omdbapi.com?apikey=c1911dbc';

const App = () => {

    const [movies, setMovies] = useState([]);

    const [searchTerm, setSearchTerm] =useState('');

    const searchMovies = async (title) => {

        const response = await fetch(`${API\_URL}&s=${title}`);

        const data = await response.json();

        setMovies(data.Search);

    }

    useEffect(() => {

        searchMovies('Spiderman');

    }, []);

    return (

        <div className='app'>

            <h1>MovieSearchApp</h1>

            <div className='search'>

                <input placeholder="Search" value={searchTerm} onChange={(e) => setSearchTerm(e.target.value)}/>

                <img src={SearchIcon} alt='search' onClick={() => searchMovies(searchTerm)}/>

            </div>

            {

                movies?.length > 0

                    ? (

                        <div className='container'>

                            {movies.map((movie) => <MovieCard movie={movie}/>)}

                        </div>

                    ) : (

                        <div className='empty'>

                            <h2>No movies found</h2>

                        </div>

                    )

            }

        </div>

    );

}

export default App;

**Index.js**

import React from 'react';

import ReactDOM from 'react-dom';

import App from './App';

ReactDOM.render(<App />, document.getElementById('root'));

**MovieCard.jsx**

import React from "react";

const MovieCard = ({ movie }) => {

    return (

        <div className='movie'>

            <div>

                <p>{movie.Year}</p>

            </div>

            <div>

                <img  src={movie.Poster} alt={movie.Title}/>

            </div>

            <div>

                <span>{movie.Type}</span>

                <h3>{movie.Title}</h3>

            </div>

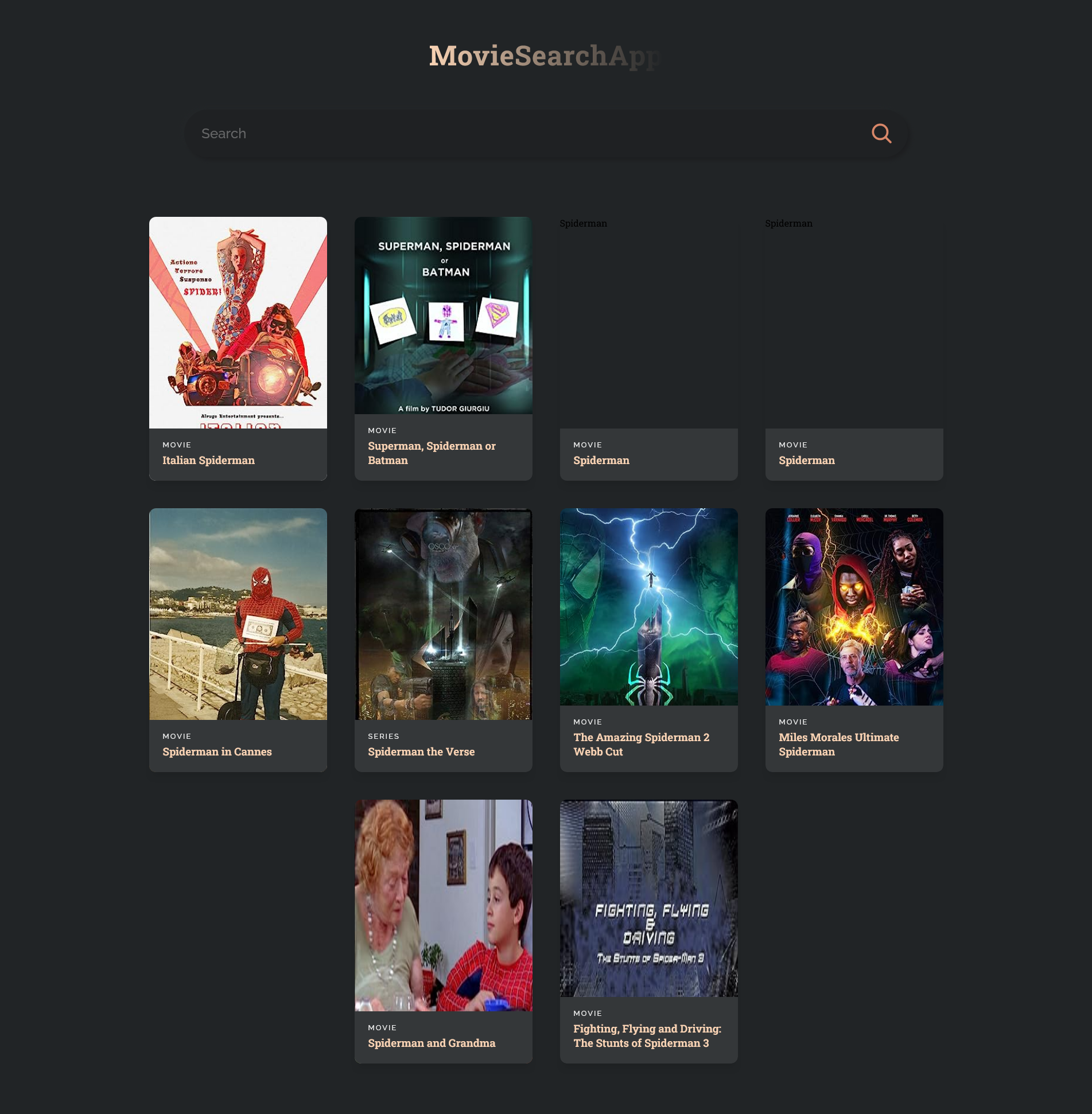
        </div>

    );

}

export default MovieCard;

**Screenshots:**



A screenshot of a movie

Description automatically generated