

## File Structure:

⌄ assignment10	●
> node_modules	●
⌄ public	●
⌄ images	●
🖼 dark_knight.jpg	U
🖼 enter_the.dragon.jpg	U
🖼 fight_club.jpg	U
🖼 forrest_gump.jpg	U
🖼 godfather.jpg	U
🖼 inception.jpg	U
🖼 matrix.jpg	U
🖼 pulp_fiction.jpg	U
🖼 shawshank_redemption.jpg	U
🖼 titanic.jpg	U
★ favicon.ico	
↳ index.html	
🖼 logo192.png	
🖼 logo512.png	
{} manifest.json	
≡ robots.txt	
⌄ src	●
⌄ components	●
# MovieCard.css	U
⚙ MovieCard.jsx	U
# App.css	M
JS App.js	M
JS App.test.js	
# index.css	
JS index.js	
📁 logo.svg	
JS reportWebVitals.js	
JS setupTests.js	
❖ .gitignore	
{} package-lock.json	
{} package.json	
ⓘ README.md	

# App.js

```
import React from 'react';
import MovieCard from './components/MovieCard';
import './App.css';

const App = () => {
  const movies = [
    { title: 'INCEPTION', year: '2010', genre: 'Sci-Fi', rating: '★★☆☆☆', imageUrl: '/images/inception.jpg' },
    { title: 'TITANIC', year: '1997', genre: 'Romance', rating: '★★★☆☆', imageUrl: '/images/titanic.jpg' },
    { title: 'ENTER THE DRAGON', year: '2008', genre: 'Action', rating: '★★★☆☆', imageUrl: '/images/enter_the_dragon.jpg' },
    { title: 'THE SHAWSHANK REDEMPTION', year: '1994', genre: 'Drama', rating: '★★★★★', imageUrl: '/images/shawshank_redemption.jpg' },
    { title: 'THE GODFATHER', year: '1972', genre: 'Crime', rating: '★★★★★', imageUrl: '/images/godfather.jpg' },
    { title: 'PULP FICTION', year: '1994', genre: 'Crime', rating: '★★★★☆', imageUrl: '/images/pulp_fiction.jpg' },
    { title: 'THE DARK KNIGHT', year: '2008', genre: 'Action', rating: '★★★★★', imageUrl: '/images/dark_knight.jpg' },
    { title: 'FIGHT CLUB', year: '1999', genre: 'Drama', rating: '★★★★☆', imageUrl: '/images/fight_club.jpg' },
    { title: 'FORREST GUMP', year: '1994', genre: 'Drama', rating: '★★★★★', imageUrl: '/images/forrest_gump.jpg' },
    { title: 'THE MATRIX', year: '1999', genre: 'Sci-Fi', rating: '★★★★☆', imageUrl: '/images/matrix.jpg' }
  ];

  return (
    <div className="app">
      <h1>🎬 Movie Collection</h1>
      <div className="movie-grid">
        {movies.map((movie, index) => (
          <MovieCard
            key={index}
            title={movie.title}
            year={movie.year}
            genre={movie.genre}
            rating={movie.rating}
            imageUrl={movie.imageUrl} />
        )));
      </div>
    </div>
  );
};

export default App;
```

## App.css

```
body {  
  background: linear-gradient(to right, #0f2027, #203a43, #2c5364);  
  min-height: 100vh;  
  margin: 0;  
  padding: 40px 20px;  
  font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;  
}  
  
.app {  
  max-width: 1200px;  
  margin: 0 auto;  
}  
  
h1 {  
  text-align: center;  
  color: white;  
  font-size: 2.5rem;  
  margin-bottom: 40px;  
  text-shadow: 0 2px 4px rgba(0, 0, 0, 0.3);  
}  
  
.movie-grid {  
  display: grid;  
  grid-template-columns: repeat(auto-fill, minmax(240px, 1fr));  
  gap: 25px;  
  padding: 20px;  
}
```

## MovieCard.jsx

```
import React from 'react';  
import './MovieCard.css';  
  
const MovieCard = ({ title, year, genre, rating, imageUrl }) => {  
  const renderRating = (stars) => stars.replace(/\★/g, '★').replace(/\☆/g, '☆');  
  
  return (  
    <div className="movie-card">  
      <div  
        className="movie-poster"  
        style={{ backgroundImage: `url(${process.env.PUBLIC_URL}${imageUrl})` }}  
      </div>  
  
      <div className="movie-content">  
        <div className="movie-header">  
          <h3 className="movie-title">{title}</h3>  
          <div className="movie-year">{year}</div>  
        </div>  
      </div>  
    </div>  
  );  
};
```

```
<div className="movie-details">
  <p className="movie-genre">{genre}</p>
  <div className="movie-rating">{renderRating(rating)}</div>
</div>
</div>
<div className="movie-overlay"></div>
</div>
);
};

export default MovieCard;
```

## MovieCard.css

```
.movie-card {
  position: relative;
  width: 240px;
  height: 360px;
  border-radius: 12px;
  overflow: hidden;
  box-shadow: 0 10px 30px rgba(0, 0, 0, 0.3);
  transition: all 0.4s ease-in-out;
  cursor: pointer;
  margin: 15px;
  display: flex;
  flex-direction: column;
  justify-content: flex-end;
}

.movie-card:hover {
  transform: scale(1.05);
  box-shadow: 0 15px 40px rgba(0, 0, 0, 0.4);
}

.movie-poster {
  position: absolute;
  top: 0;
  left: 0;
  width: 100%;
  height: 100%;
  background-size: cover;
  background-position: center;
  transition: transform 0.5s ease;
  z-index: 0;
}

.movie-card:hover .movie-poster {
  transform: scale(1.05);
}
```

```
.movie-content {
  position: relative;
  z-index: 2;
  height: 100%;
  display: flex;
  flex-direction: column;
  justify-content: flex-end;
  padding: 20px;
  color: white;
  background: linear-gradient(
    to top,
    rgba(0, 0, 0, 0.9) 10%,
    rgba(0, 0, 0, 0.5) 50%,
    rgba(0, 0, 0, 0) 100%
  );
}

.movie-header {
  display: flex;
  justify-content: space-between;
  align-items: center;
}

.movie-title {
  font-size: 1.4rem;
  font-weight: 700;
  margin: 0 0 5px 0;
  text-shadow: 0 2px 4px rgba(0, 0, 0, 0.5);
  letter-spacing: 1px;
  color: #fff;
  text-transform: uppercase;
  white-space: nowrap;
  overflow: hidden;
  text-overflow: ellipsis;
  max-width: 160px;
}

.movie-year {
  background: rgba(255, 255, 255, 0.2);
  padding: 3px 10px;
  border-radius: 20px;
  font-size: 0.8rem;
  font-weight: 600;
  backdrop-filter: blur(5px);
  flex-shrink: 0;
}

.movie-details {
  display: flex;
  justify-content: space-between;
  align-items: center;
}

.movie-genre {
```

```
    font-size: 0.9rem;
    margin: 5px 0;
    color: rgba(255, 255, 255, 0.8);
}

.movie-rating {
    font-size: 1.2rem;
    letter-spacing: 2px;
    color: #ffd700;
    background: rgba(0, 0, 0, 0.5);
    padding: 4px 8px;
    border-radius: 8px;
    position: absolute;
    bottom: 15px;
    right: 15px;
}

.movie-overlay {
    position: absolute;
    top: 0;
    left: 0;
    width: 100%;
    height: 100%;
    background: linear-gradient(
        to bottom,
        rgba(0, 0, 0, 0.1) 0%,
        rgba(0, 0, 0, 0.7) 100%
    );
    z-index: 1;
}
```

# OUTPUT:

