

# User Acceptance Testing (UAT) Template

Date	
Team ID	
Project Name	WebApp_OTT
Maximum Marks	

## Project Overview for Movie App (Frontend using JS & React)

### Project Name:

**Movix**

### Project Description:

Movix is a single-page application (SPA) built using **React.js** that allows users to explore a wide range of movies. The app fetches real-time data from external APIs (such as TMDb or OMDB) to display movie details, trailers, user reviews, ratings, and related media. Users can search for movies, view detailed movie pages, and manage preferences like watchlists. The app also features movie recommendations based on user interests.

### Project Version:

1.0.0

### Testing Period:

**Start Date:** [05/11/2024]

**End Date:** [08/11/2024]

### Testing Scope:

- **Features and Functionalities to be Tested:**

1. **Movie Search:** Verify that the search functionality correctly fetches movie data based on user input.
  2. **Movie Details Page:** Ensure movie details (e.g., title, plot, cast, rating) are displayed correctly.
  3. **Movie Recommendations:** Verify that recommended movies based on selected genres or similar movies are shown.
  4. **Watchlist Management:** Test adding, removing, and viewing movies in the user's watchlist.
  5. **Trailer Display:** Verify that movie trailers (embedded via YouTube or TMDb API) load and play correctly.
  6. **Responsive Design:** Test the UI across different devices (desktop, tablet, mobile) to ensure proper responsiveness.
  7. **Caching and Offline Support:** Check if data is cached locally using LocalStorage or IndexedDB for offline access and better performance.
  8. **Error Handling:** Test error messages for cases such as API failures or empty search results.
- **User Stories or Requirements to be Tested:**
    1. **As a user**, I should be able to search for a movie by title or genre, and see relevant results.
    2. **As a user**, I should be able to view detailed information about a movie (e.g., plot, release date, ratings, etc.).
    3. **As a user**, I should be able to add movies to my watchlist and remove them.
    4. **As a user**, I should be able to see trailers for movies.
    5. **As a user**, I should be able to log in and save my preferences (e.g., watchlist, ratings) if authentication is implemented.
    6. **As a user**, I should be able to access the app from any device (desktop, tablet, or mobile) with a responsive and functional UI.

## Testing Environment:

- **URL/Location:**

[Enter URL, e.g. <http://localhost:5173/>]

### Test Cases for Movie App (Frontend using JS & React)

Test Case ID	Test Scenario	Test Steps	Expected Result	Actual Result	Status
TC-001	Movie Search Functionality	1. Open the MovieFlix app 2. Enter a movie title in the search bar 3. Press Enter or click the search button	The search results should show relevant movies with matching titles or keywords.	[Record the actual outcome]	Pass
TC-002	Movie Details Page Display	1. Click on a movie from the search results 2. Check the movie details page (title, plot, rating, cast, release date)	Movie details (title, plot, rating, cast, etc.) should display correctly and match the data from API.	[Record the actual outcome]	Pass
TC-003	Add Movie to Watchlist	1. Search for a movie 2. Click the	The movie should appear in	[Record the actual	Pass

		"Add to Watchlist" button 3. Go to the Watchlist page and verify the movie is added	the watchlist section.	outcome ]	
<b>TC-004</b>	Remove Movie from Watchlist	1. Go to Watchlist page 2. Click "Remove" on a movie 3. Verify that the movie is no longer displayed in the Watchlist	Movie should be removed from the watchlist.	[Record the actual outcome ]	Pass
<b>TC-005</b>	Movie Trailer Display	1. Go to a movie details page 2. Click on the play button for the trailer 3. Ensure the trailer plays correctly	The movie trailer should load and start playing.	[Record the actual outcome ]	Pass
<b>TC-006</b>	Search with No Results	1. Enter an invalid movie title	A "No results found"	[Record the actual	Pass

		in the search bar 2. Press Enter or click the search button	message should display.	outcome ]	
<b>TC-007</b>	App Responsiveness on Mobile Device	1. Open the app on a mobile device 2. Check if the UI is properly displayed (menu, buttons, text, etc.)	The app should be responsive, adjusting the layout correctly for mobile.	[Record the actual outcome ]	Pass
<b>TC-008</b>	Movie Genre Filter Functionality	1. Click on a genre filter (e.g., "Action") 2. Verify that only movies from that genre are displayed	Only movies that belong to the selected genre should be displayed in the results.	[Record the actual outcome ]	Pass
<b>TC-009</b>	Error Handling for API Failure	1. Simulate an API failure (e.g., disconnect from the internet) 2. Try to	The app should show an appropriate error message, such as	[Record the actual outcome ]	Pass

		search for a movie 3. Observe how the app handles the failure	"Unable to load data."		
<b>TC-010</b>	UI Elements Visibility on Desktop View	1. Open the app on a desktop browser 2. Check visibility and proper arrangement of UI elements (header, movie grid, footer, etc.)	All UI elements (header, footer, movie grid, buttons) should be visible and correctly arranged.	[Record the actual outcome ]	Pass

### Bug Tracking for Movie App (Frontend using JS & React)

Bug ID	Bug Description	Steps to Reproduce	Severity	Status	Additional Feedback
<b>BG-001</b>	Movie details not displaying correct information	1. Search for a movie 2. Click on the movie 3. Movie details page displays incorrect	High	Open	The API might not be returning the correct data.

		data (e.g., wrong rating or cast)			
<b>BG-002</b>	Add to Watchlist button not functioning properly	1. Search for a movie 2. Click "Add to Watchlist" 3. Movie does not appear in the Watchlist page	Medium	In Progress	Button is not triggering the correct API call.
<b>BG-003</b>	Movie trailer fails to load in some browsers	1. Go to the movie details page 2. Click on the trailer play button 3. Trailer fails to load or play	High	Open	Issue appears in Firefox and Edge browsers.
<b>BG-004</b>	Search bar clears input after search	1. Type in a movie title 2. Press Enter 3. Search results show, but	Low	Closed	Minor issue, resolved by persisting the search query.

		the input in the search bar is cleared			
<b>BG-005</b>	Watchlist page layout breaking on mobile	1. Open the Watchlist on a mobile device 2. Watchlist layout is misaligned (items overlap or hide)	Medium	Open	Needs a CSS fix for mobile view responsiveness .
<b>BG-006</b>	API rate-limiting error on high traffic	1. Use the app heavily by repeatedly searching for movies 2. API request fails after a few calls	High	In Progress	Consider implementing API request throttling or a fallback message.