

## **TEST PLAN**

Project Name: Movie Web Application

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## 1. Introduction

The purpose of this test plan is to outline the testing strategies, objectives, and scope for the Movie Web Application. This document includes details on testable features, testing approach, roles and responsibilities, as well as test schedules and deliverables.

### Application Under Test (AUT):

[Movie Website URL](#)

## 2. Objectives

- Ensure the core features, such as movie listing, movie details, and search, function as expected.
- Validate compatibility with different browsers and devices.
- Confirm proper functioning of interactive elements (such as the search bar, navigation, and login).

## 3. Scope

This test plan covers functional testing, compatibility testing, and performance testing for the movie website on desktop and mobile browsers.

## 4. Testable Features

- **Register**
- **Login**
- **Search Functionality**
- **Movie Listing**
- **Movie Details Page**
- **Add to Watchlist**
- **Play Trailer**
- **Genre Filter**
- **Responsive Design**
- **User Reviews**

## 5. Testing Approach

- **Testing Types:**
  - Functional Testing
  - Compatibility Testing (Cross-browser testing)

- Performance Testing
- **Testing Methodologies:**
  - Black-box Testing
  - Regression Testing
  - User Acceptance Testing (UAT)

#### Operating System & Browsers:

- **OS:** Windows, macOS, iOS, Android
- **Browsers:** Chrome, Firefox, Safari, Edge

## 6. Roles/Responsibilities

| Name    | Role           | Responsibilities  |
|---------|----------------|---|
| Nashrah | Test Lead      | Manage the test plan, review test cases, assign testing tasks   |
| Nashrah | Test Engineers | Execute test cases, report defects, perform root cause analysis |

## 7. Test Schedule

| Task                   | Duration            |
|------------------------|---------------------|
| Test Plan Creation     | October 1, 2024     |
| Test Scenario Creation | October 2, 2024     |
| Test Case Creation     | October 2 - 4, 2024 |
| Test Execution         | October 4 - 5, 2024 |

## 8. Test Deliverables

| Deliverable         | Description                                | Owner     | Due Date        |
|---------------------|--|-----------|-----------------|
| Test Plan           | Outlines testing approach and strategy     | Nashrah   | October 2, 2024 |
| Test Cases          | Detailed test cases for functional testing | Nashrah   | October 3, 2024 |
| Defect Reports      | Logs of issues found during testing        | Test Team | Ongoing         |
| Test Summary Report | Summary of all testing activities          | Nashrah   | October 4, 2024 |

## 9. Entry & Exit Criteria

- **Entry Criteria:**
  - Application is deployed and stable for testing.
  - Requirements are clear and approved by stakeholders.
- **Exit Criteria:**
  - All test cases have been executed.
  - All critical defects have been fixed and retested.

## 10. Risks & Mitigation Plans

| Risk                         | Mitigation Plan                                  |
|------------------------------|--|
| Unclear requirements         | Regular communication with developers to clarify |
| Browser compatibility issues | Perform early testing on multiple browsers       |
| Tight timelines              | Prioritize critical test cases                   |

## 11. Approval

- **Test Plan Approval**
- **Test Scenario**
- **Reports**

Testing Will only continue to the next steps once these approvals are done.