**Functional & Performance Testing**

**Model Performance Test**

| Date | 12 April 2025 |
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| Team ID | SWTID1744468652 |
| Project Name | i-movies: movie ticket booking system |
| Maximum Marks | 4 marks |

**Test Scenarios & Results**

| **Test Case ID** | **Scenario (What to test)** | **Test Steps (How to test)** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| --- | --- | --- | --- | --- | --- |
| **FT-01** | Text Input Validation | Enter valid and invalid text in input fields | Valid inputs accepted, errors for invalid inputs | Valid inputs generated content; invalid entries showed proper error messages | Pass |
| **FT-02** | Movie rating Input Validation | Enter ratings within and outside the valid range | Accepts valid values, shows error for out-of-range | Accepts numbers in range; error shown for out-of-range values | Pass |
| **FT-03** | Watchlist Feature Functionality | Add/remove movies to watchlist from listing page | Movies should be added/removed from watchlist | Movies added/removed successfully | Pass |
| **FT-04** | API Connection Check | Check if API key is correct and model responds | API responds successfully | Connection stable; API responded on every call | Pass |
| **PT-01** | Response Time Test | Measure Page load time for movie listing and dashboard | load time should be < 3 seconds | Average response time: 2.4 seconds | Pass |
| **PT-02** | Concurrent API requests | simulate multiple simultaneous requests | Should handle multiple requests without crashing | API handled 5+ concurrent calls without delay or failure | Pass |
| **PT-03** | Cloudinary Image Upload Test | Upload multiple high-res movie posters | Images should upload quickly without delay or errors. | Posters uploaded and displayed correctly | Pass |