**SUMMARY REPORT TEST**

For Website http://localhost:5000/movies.com

1. **General Information**

**Project Name:** MERN Movie App

**Application Type:** Web (SPA – Single Page Application)

**Testing Type:** Manual Testing (Functional Testing, API Testing, UI Testing)

**Testing Period:** 5 days (May 20 – May 24, 2025)

**Tester:** Tran Duc Thien

1. **Testing Objectives**

- Ensure that core features function correctly according to requirements.

- Test the user interface, backend logic (API), and basic user experience.

- Detect and log bugs to help improve the product.

1. **Scope of Testing**

|  |  |
| --- | --- |
| **Feature** | **Test Status** |
| User Register | Tested |
| User Login | Tested |
| User Logout | Tested |
| Movie list display | Tested |
| Movie category display | Tested |
| Movie search by title | Tested |
| Movie search by name | Tested |
| Actor search by name | Tested |
| Search history | Tested |
| Movie details display | Tested |
| Video playback (Trailer) | Tested |
| Video playback (Full movie) | Tested |
| API Testing (Swagger, Postman) | Tested |

1. **Test Result**

|  |  |  |  |
| --- | --- | --- | --- |
| **Total test case** | **Passed** | **Failed** | **Critial Bugs** |
| 42 | 38 | 4 | 2 |

1. **Bugs Found**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Feature** | **Bug Description** | **Severity** | **Status** |
| **Bug\_001** | **Register** | Password length not checked | High | Fixed |
| **Bug\_002** | **Register** | Password not check special characters | High | Fixed |
| **Bug\_003** | **Register** | Password not checked uppercase, lowercase, number, special characters | Critial | Fixed |
| **Bug\_004** | **Recommend Film** | Do not show recommended movie data for new users | Critial | Fixed |

1. **Observation & Recommendations**

- The system works stably for key features.

- API security should be improved (e.g., proper JWT validation).

- UI is user-friendly, but lacks clear error messages for invalid input.

- Recommended to implement automated API testing to support manual efforts.

1. **Conclusion**

Manual testing was performed and covered the major functionalities.  
Several bugs were found and reported to the development team.  
The application is acceptable to move forward to staging or demo environments.