Movie Reviews and Ratings

Movie Reviews and Ratings <Iteration/ Master> Test Plan

Version <1.0>

Revision History

Date	Version	Description	Author
15/12/21	1.0	Make Plan Testing	All members

Table of Contents

<Iteration/ Master> Test Plan

- **Introduction**

  ○ **Purpose**
    - The objective of the document:
      ○ The document give the test plan for each member
      ○ Each members in team research and understand deeply in testing or automated testing
      ○ Manage, maintain and optimize the project for customer requirements
      ○ Make sure that the product has errors as least as possible.
      ○ Have a specific test plan
      ○ Know how to use many tools for testing
    - This document is about:
      ○ Requirements when testing (non-human resource/ human resource, hard/software)
      ○ Create a test plan
    - People can access to this document:
      ○ All member in team especial people in testing team (report if having any bug/error for develop team)
    - Main content of the document:
      ○ Requirements in hardware for testing
      ○ Requirement in software for testing
      ○ Environment for testing phase
      ○ Human resource in testing
      ○ Feature will be tested
      ○ Divide tasks for members to test the system.
      ○ Manage members

- **Target Test Items**
  - Login: 5 cases
  - Register: 8 cases
  - Manage system: 5 cases
  - Search: 2 cases
  - Categories: 3 cases
  - Profile: 1 case

- **Environmental Needs**

  ○ **Hardware Requirements**

Processor: 1 GHz, 32-bit (x86) or 64-bit (x64) processor

Memory: 1 GB RAM (32-bit) or 2 GB RAM (64-bit)

Disk Space: 1 GB available hard disk space

Java Version: JDK 7 (in case of need)

Node.js at least is 8.2.0 (import enough module/package)

○ **Software in the Test Environment**

The following base software elements are required in the test environment for this *Test Plan*.

Software Name	Purpose	Version	Type and Other Notes
Firefox	Open and connect to website	> 78.0	Internet Browser
Edge	Open and connect to website	All	Internet Browser
Google Chrome	Open and connect to website	> 87.0.4280.66	Internet Browser
Windows 7, 32bit	Run server/client (perform in old version)	Windows 7	Operating System
Windows 7, 64 bit	Run server/client (perform in old version)	Windows 7	Operating System
Windows 10, 64 bit	Main OS using to run server/client	Windows 10	Operating System
Katalon	Automated Testing	8.0.0	Testing system

○ **Productivity and Support Tools**

The following tools will be employed to support the test process for this *Test Plan*.

Tool Category or Type	Tool Brand Name	Vendor or In-house	Version
Defect Tracking	MS Excel 2010	MS	2010
Database management	Compass	MongoDB	> 1.1.0.alpha.0

● **Responsibilities, Staffing, and Training Needs**

○ **People and Roles**

This table shows the staffing assumptions for the test effort.

Human Resources		
Role	**Minimum Resources Recommended** **(number of full-time roles allocated)**	**Specific Responsibilities or Comments**
Test Manager (Nguyễn Phan Vũ)	48 hours	Provides management oversight. Responsibilities include: ● planning and logistics ● agree mission ● identify motivators ● acquire appropriate resources ● present management reporting ● advocate the interests of test ● evaluate effectiveness of test effort

Tester (All members)	48 hours	Implements and executes the tests. Responsibilities include: ● implement tests and test suites ● execute test suites ● log results ● analyze and recover from test failures ● document incidents