
Manga Geeks

**Free Manga Site
<Iteration/ Master> Test Plan**

Version 1.0

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Revision History

Date	Version	Description	Author
16/12/2024	1.0	Fill in test plan	Lạc

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<Iteration/ Master> Test Plan

1. Introduction

1.1 Purpose

- The Test Plan serves to outline and communicate the goals of the testing process within a specific timeframe. Its primary aim, like other planning documents, is to secure stakeholder approval and support for the testing efforts. Therefore, the document should avoid unnecessary details that stakeholders might not understand or find relevant.
- Additionally, the test plan provides a structured framework for test roles to operate within the defined schedule. It offers guidance and constraints to ensure the testing efforts are focused on achieving valuable and necessary outcomes.
- Even in situations or fields where test plans are not formally recognized, it remains crucial to account for the different elements represented by the test plan. It helps guide decisions about the scope of testing and the approach to executing the testing efforts effectively.

2. Target Test Items

- Login / Signup
- Edit profile
- Search manga
- Read manga
- Interact with Manga
- Manage manga
- Report manga/user
- Manage users

3. Environmental Needs

3.1 Hardware Requirements

- A Laptop or PC with at least 4GB RAM and 50GB hard drive.
- 1.5 GB free disk space for installation and temporary files during test runs.

3.2 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
Google Chrome	To display the UI that allows tester to interact with the system for testing		Internet Browser
Edge	To display the UI that allows tester to interact with the system for testing		Internet Browser
Firefox	To display the UI that allows tester to interact with the system for testing		Internet Browser
Windows 11, 64 bit	Manage the software and hardware needed for testing		Operating System
Mac OS X 10.10	Manage the software and hardware needed for testing		Operating System

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Software Name	Purpose	Version	Type and Other Notes
MongoDB	Store the data, makes it easier to manage or retrieve the data.		Database
Nodejs	This is a web-end Javascript runtime environment that can run on both Windows and MacOS.	v20.15.1	Environment
VS Code	Run the backend and frontend source code for testing	v1.96.0	IDE

3.3 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
Defect Tracking	Google Sheets	Google

4. Responsibilities, Staffing, and Training Needs

4.1 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	Lạc	Provides management oversight. Responsibilities include: <ul style="list-style-type: none"> planning and logistics agree mission identify motivators acquire appropriate resources present management reporting advocate the interests of test evaluate effectiveness of test effort
Tester	Nhân Bảo	Implements and executes the tests. Responsibilities include: <ul style="list-style-type: none"> implement tests and test suites execute test suites log results analyze and recover from test failures document incidents

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Human Resources		
Role	Minimum Resources Recommended (number of full-time roles allocated)	Specific Responsibilities or Comments
Test System Administrator	Hung	<p>Ensures test environment and assets are managed and maintained.</p> <p>Responsibilities include:</p> <ul style="list-style-type: none"> • administer test management system • install and support access to, and recovery of, test environment configurations and test labs