
Group 01 - Manga Geeks

**Free Manga Site
Vision Document**

Version 1.1

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Revision History

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Vision (Small Project)

1. Introduction

The purpose of this document is to collect, analyze, and define high-level needs and features of the Free Manga Website. It focuses on the capabilities needed by the stakeholders and the target users, and **why** these needs exist. The details of how the Free Manga Website fulfills these needs are detailed in the use-case and supplementary specifications.

1.1 References

[1] [WAI WCAG \(Web Content Accessibility Guidelines\)](#)

2. Positioning

2.1 Problem Statement

The problem of	Many people do not have spare money to buy physical or digital mangas, so they can only look for free manga websites that often have a lot of pop-up ads.
affects	Students and other manga enjoyers.
the impact of which is	The pop-up ads may trick users with no cybersecurity experience into downloading malwares.
a successful solution would be	Allow people to read mangas for free with no pop-up ads on our website and therefore enhance the users' experience as well as preventing them from getting malwares installed on their machines.

2.2 Product Position Statement

For	Students and other manga enjoyers.
Who	Do not have spare money to buy physical or digital mangas.
The Free Manga Website	Is a platform
That	Offers excellent service for free, with no paid features.
Unlike	Nettruyen, one of the most popular websites for reading mangas in Viet Nam.
Our product	Does not have pop-up ads that might contain malwares, users will have a more pleasant time reading mangas.

3. Stakeholder and User Descriptions

3.1 Stakeholder Summary

Name	Description	Responsibilities
System administrator	Technical manager for the platform, responsible for maintaining and updating content.	Ensures the system is easy to use and efficient; provides quick monitoring and troubleshooting tools.

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Story uploaders	The people responsible for managing comic content, including uploading, updating, and organizing stories.	Story translation groups and individual users can post stories that have been moderated and have appropriate content.
Supervisor (Instructor)	Web building and tutorials	Instructions for troubleshooting problems related to website operation and usage
Financial managers	People who financially manage the website	Maintain the website

3.2 User Summary

Name	Description	Responsibilities	Stakeholder
Guest	Usually people visit the site mainly to read and discover new comic content.	Search and discover series; read stories easily and seamlessly.	New user (student , ...)
Logged in User	Users that have registered accounts.	Users can add mangas to their library, which includes tabs for reading, completed, and re-reading. They can blacklist certain categories or authors, receive notifications for updates on their current mangas, and continue reading from their last chapter or page.	Users who want to use the service long term or have real experience with the web.
Approved User	Users that are approved by the admins and are considered as translation groups.	Approved users can upload mangas and authors, update manga information and chapters, and delete their mangas. Multiple users can upload the same manga, with each manga linked to its uploader.	Story translation groups, users who want to contribute stories to build the website .
Admin	The person who creates the web and runs it.	Admins can approve users for uploading mangas and are the only ones who can create, update, or delete categories. There is a separate interface for reviewing user reports. Admins can ban or delete users who post inappropriate content, as well as delete mangas and authors with inappropriate material.	Our group and instructor .

3.3 User Environment

- Number of participants: Users accessing the website are mainly individuals, but there may be many people accessing at the same time. This number tends to increase when the website popularizes promotional programs or when new chapters are released.

- Usage time: Depends on the needs, interests, and age of the readers. For example, students often have 15 minutes of recess between classes, if they are interested, they can read during that time, adults may have less time due to their jobs...

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- Usage environment conditions: Need wifi access to download or read special modes...

- Integrated applications:

- To maintain the website's operation, if users find the experience interesting, they can donate to the website via the donate link.

3.4 Summary of Key Stakeholder or User Needs

Need	Priority	Concerns	Current Solution	Proposed Solutions
Uninterrupted experience	High	Inadequate image quality and translation	Accept to wait or use some third party application	Offers ad-free reading packages for a fee.
Easy to search and categorize stories	High	Users have difficulty finding and discovering content that matches their interests.	Only basic search and simple sorting functions are available.	Integrated advanced search engine and multi-criteria sorting.
Effective content management	Reasonable	Stakeholders find it difficult to upload and organize content to maintain the system.	Use manual content management tools.	Easy-to-use CMS content management system that supports bulk uploads.

3.5 Alternatives and Competition

- After researching and consulting as well as experiencing the current famous web stories such as MangaDex, Webtoon, and some mobile applications. Each site has certain advantages and disadvantages:

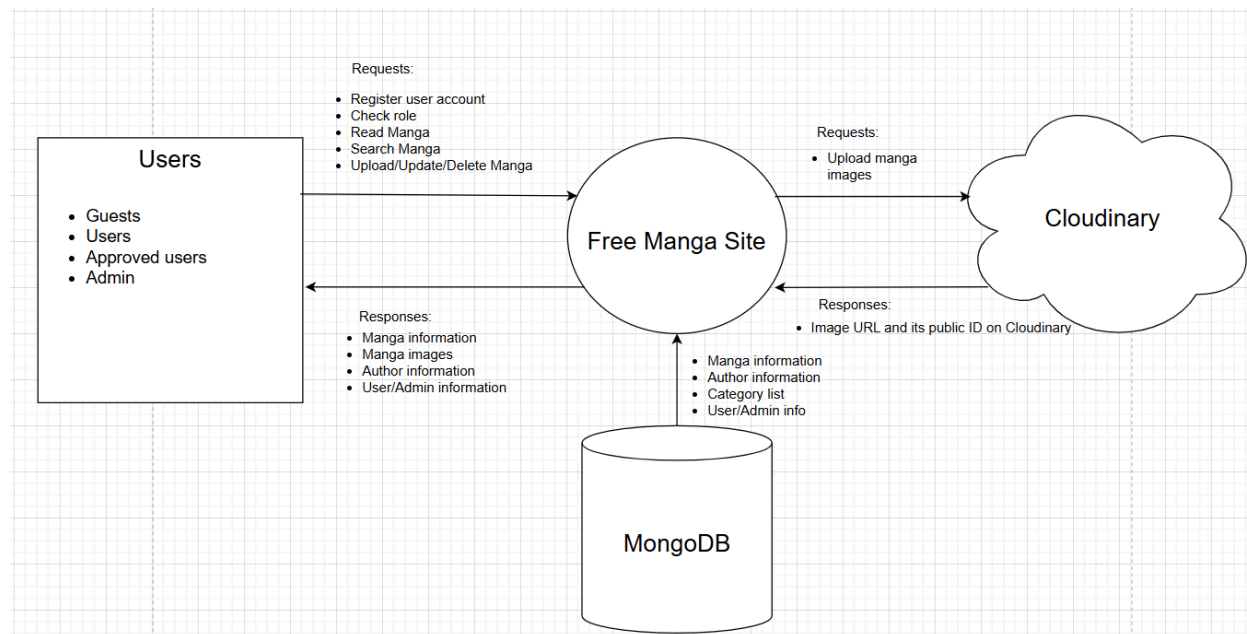
- MangaDex: Provides a large, free story library, but not always of good quality, and lacks personalized features.
- Webtoon: Diverse genres, integrated offline reading function, but has ads and some content requires payment.
- Mobile application for reading stories: Provides a smooth experience, has offline saving function, but often does not provide much new content continuously like large websites.

- Therefore, competing with these websites in terms of service is almost impossible. In our personal opinion, we should improve the cost of web services and buy copyrights for some foreign stories and update them to attract customers.

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4. Product Overview

4.1 Product Perspective



4.2 Assumptions and Dependencies

None.

5. Product Features

Feature	Access	Description
Create user account	Guest	Provide a username, email and password for the user account, using this account you can access some features that are exclusive to users.
Log in	Guest	Validate the username and password, so that you can access the features corresponding to their role.
Search manga	All	Type the name or choose the category/author to search manga, with this feature users will be able to look for their favorite manga easily.
Read manga	All	Read the manga in long-strip mode that is divided by chapters, so that the manga can be organized effectively and easier to read.
Comment on manga	All except guest	Leave their comments for a manga or a chapter.
Manage manga	Approved user and admin	Upload/update/delete manga to enhance the variety of the manga storage and connect to a broader range of readers.
Report manga	All except guest	Report the manga if you assume that it contains inappropriate information to the admin to maintain the moral standard and user-friendliness of the website.

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Follow manga	All except guest	Put the manga in the following list so that you can get notification every time there is an update of their following manga.
Read history	All except guest	When reading a manga, the last chapter you have read will be marked so that the next time you read, the website will automatically take you to the marked chapter, making it easier to follow the reading progress.
Manage report	Admin	Review the report list and determine whether the accused users and contents violate the moral standards or not, so that we can maintain the quality of the content and prevent wrongful accusations.
Manage user	Admin	Delete a user, ban a user for a period of time due to the report list. Approve the user with a high contribution.

6. Non-Functional Requirements

The website should be automatically testable on various viewports according to WCAG standards, from 320px to the largest usable viewport of 2550px. ^[1]

Any common interactions on the web page must be finished and reflected in the interface in a reasonable amount of time, up to a maximum of 3 seconds for low-end devices and throttling.

Average errors should not exceed 1 per 5 user flows.

Downtime, whenever happens, should not exceed 30 minutes over 1 day. Unless this issue is on the hosting provider's side, then this doesn't apply.

There should be technical documentation publicly available for users to read more in detail about how to use the web application.

There should be proper aria labeling according to WCAG to assist screen readers and disabled users (color blindness, deaf, blind, voice action users, etc.)