



CODE X

Red Thread Requirement Specification Document

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ANAMCARA

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- 1.1 Introduction:
- 1.2 Background:
- 1.3 Problematic:
 - 1.3.1 Tracking Dailies and Weeklies
- 2 Organization and planning:
 - 2.1 Gantt Diagram:
 - 2.2 Project Management:
- 3.1 Logo:
- 3.2 Pallets:
- 3.3 Mock-ups:
 - 4.1 Home Page
 - 4.2 Store
 - 4.3 Who We Are (About Us)
 - 4.4 Highlights
 - 4.4.1 Gallery
 - 4.4.2 Videos
 - 4.5 Apply To Anamcara
 - 4.6 Tools
 - 4.6.1 Checklist
 - 4.6.2 Stone Cutter
 - 4.7 Authentication
 - 4.8 Dashboard (for Officers and Above)
- 5.1 Performance
- 5.2 Usability
- 5.3 Security
- 5.4 Compatibility
- 6.1 Front-End Technologies
- 6.2 Back-End Technologies
- 6.3 Frameworks
- 6.4 Integrated Development Environment (IDE)
- 6.5 Database
- 6.6 Version Control

1- Project presentation:

1.1 Introduction:

The Anamcara Guild Website is a digital platform designed to serve as a central hub for the Anamcara guild in Lost Ark. The website aims to enhance communication, showcase guild highlights, provide information about the guild, and facilitate the application process for potential members.

1.2 Background:

The Anamcara guild, a community in Lost Ark, requires an online presence to foster communication and collaboration among its members. The website will integrate with the guild's Discord server to ensure seamless interaction.

1.3 Problematic:

1.3.1 Tracking Dailies and Weeklies

Guild members currently experience challenges in efficiently keeping track of their daily and weekly in-game activities. With numerous tasks to manage, such as quests, raids, and events, members often find it challenging to stay organized and maximize their contributions to the guild.

1.3.2 Application Management in Discord

Officers face difficulties in managing and processing new guild applications efficiently within the Discord platform. The current process lacks a centralized and organized system, leading to potential delays in reviewing applications, responding to applicants, and maintaining a clear overview of the recruitment pipeline.

2 Organization and planning:

2.1 Gantt Diagram:

A Gantt diagram will be employed to visually represent the project timeline, milestones, and dependencies. This diagram will offer a comprehensive overview of the project's schedule, allowing for effective planning and monitoring of tasks. The Gantt diagram will be regularly updated to reflect real-time progress and adjustments to the project plan.

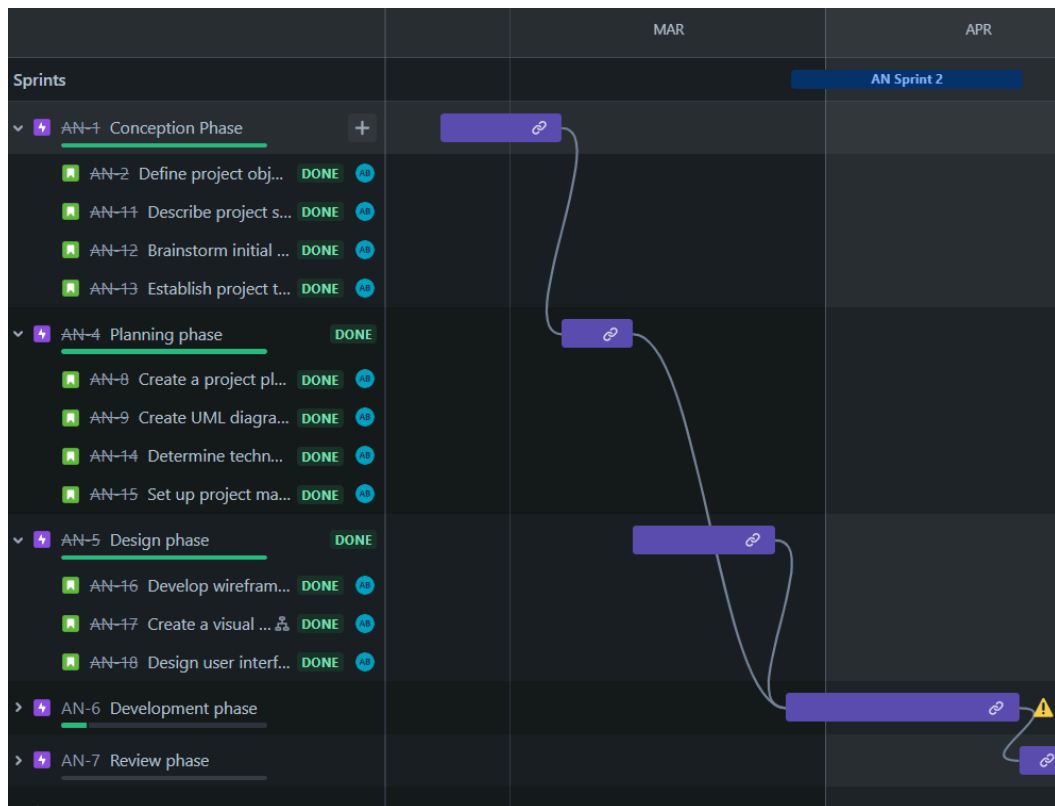


Figure 1: Gantt chart

2.2 Project Management:

To ensure efficient organization and planning during the development of the Anamcara Guild Website, the project will leverage Jira as a project management tool. Jira will facilitate task tracking, collaboration, and transparency throughout the development lifecycle. The use of Jira will enhance communication among team members, providing a centralized platform for managing tasks, issues, and project progress.

3- Graphic and ergonomic description:

3.1 Logo:



Figure 2: Logo

3.2 Pallets:

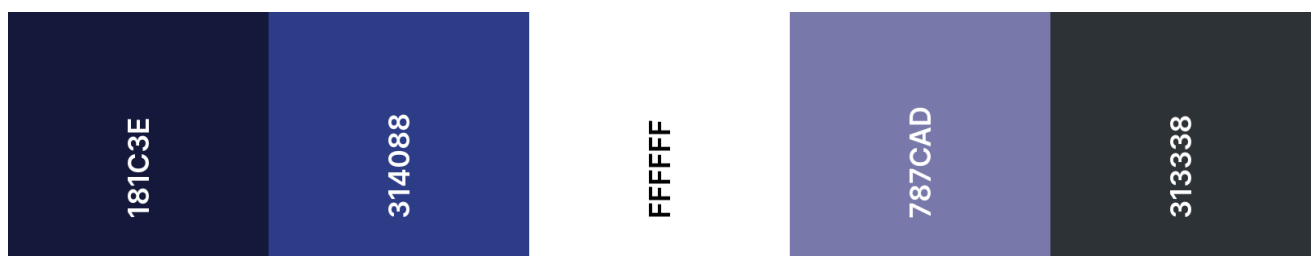
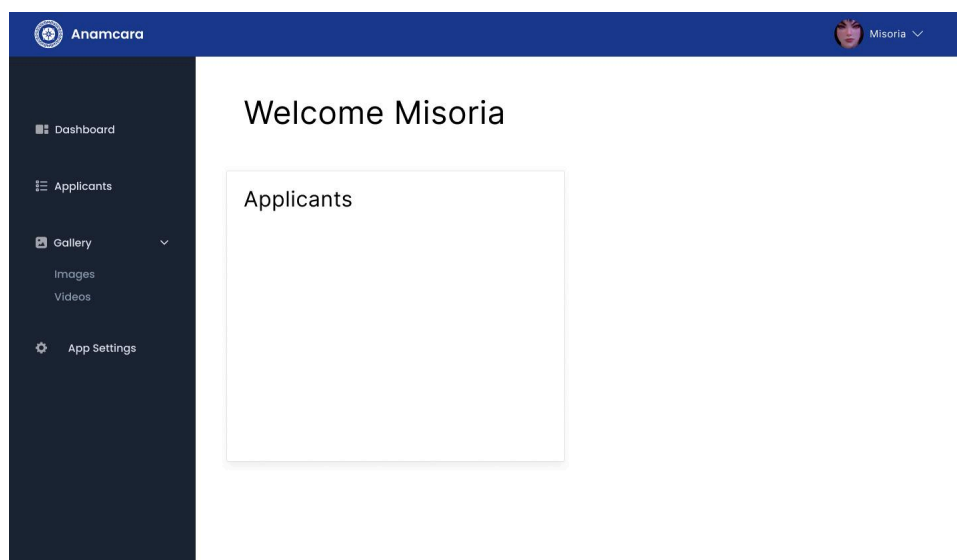



Figure 3: Color pallet

3.3 Mock-ups:






ABOUT US

APPLY


HIGHLIGHTS

STORE

TOOLS



Miaoria



Welcome


APPLICATION FORM

We are based in Elpon server, are you from Elpon?

☐ Yes - I'm from Elpon
 ☐ Other:

Tell us about yourself! (Your name/nickname preference, where you're from, hobbies, your age, etc...)

What does your Roster look like? (Main 1-6) Please provide a screenshot of your roster overview.



What is your Lost Ark experience and what are your goals? (How long have you played, whats your Raid experience, etc...)

How much time do you spend on the game? (Daily, every other day, etc.)

Are you interested in joining GVG?

GVG is a PVP based Guild vs. Guild event. PVP Build, iLvl and stats are required. Please feel free to get in touch with [Rafaela](#) for more information.

☐ Yes
 ☐ No

Our schedule for GVE is on Sundays at 19:40 ST (Server Time) with optional Alt Guild GVE's afterwards

GVE is a PVE Guild Raid for bloodstones that everyone can participate in, takes around 5 minutes

We expect you to show up for Main Guild GVE as often as possible, do you agree to this? Please write in "Other" if there is a reason you cannot participate. [This does not effect your application.](#)

☐ Yes
 ☐ Other:

What are you looking for in Anamcara?


How did you hear about us?

Anything else you'd like us to know?

Are you in a Guild at the moment/What was your previous Guild? (Please also include your Guild Coodown/when you can be invited)

Do you know anyone in the guild already? If you have a reference please give their IGN.


By submitting an application, you agree to our leadership reviewing it. We will reach out to you within a week via discord.



ABOUT US

HIGHLIGHTS

YOU'VE BEEN INVITED TO JOIN A SERVER



Anamcara

100 Online • 233 Members

4- Functional Requirements:

4.1 Home Page

- Display a welcome message and guild announcements.
- Provide links to key sections: Store, Who We Are, Highlights, Apply To Anamcara, and Authentication.

4.2 Store

- Include a navigation link redirecting to the external store website for guild merchandise.

4.3 Who We Are (About Us)

- Provide detailed information about the guild's history, values, and goals.
- Introduce key guild members and leaders.
- Include a contact form for inquiries.

4.4 Highlights

4.4.1 Gallery

- Showcase images from guild events, achievements, and social gatherings.
- Implement navigation features for users to browse through the gallery.

4.4.2 Videos

- Embed or link to videos featuring guild activities, gameplay highlights, and promotional content.

4.5 Apply To Anamcara

- Include an application form for potential members.
- Collect information such as in-game username, preferred class, and gaming experience.
- Provide guidelines on eligibility and expectations.

4.6 Tools

4.6.1 Checklist

- Implement a checklist system for guild members to track daily and weekly in-game activities.
- Allow customization of checklists based on individual preferences.
- include reset functionality for daily and weekly tasks.

Inspiration : [Lost Ark Helper](#)

4.6.2 Stone Cutter

- A link to a useful tool for guild members to calculate and optimize stone cutting.

4.7 Authentication

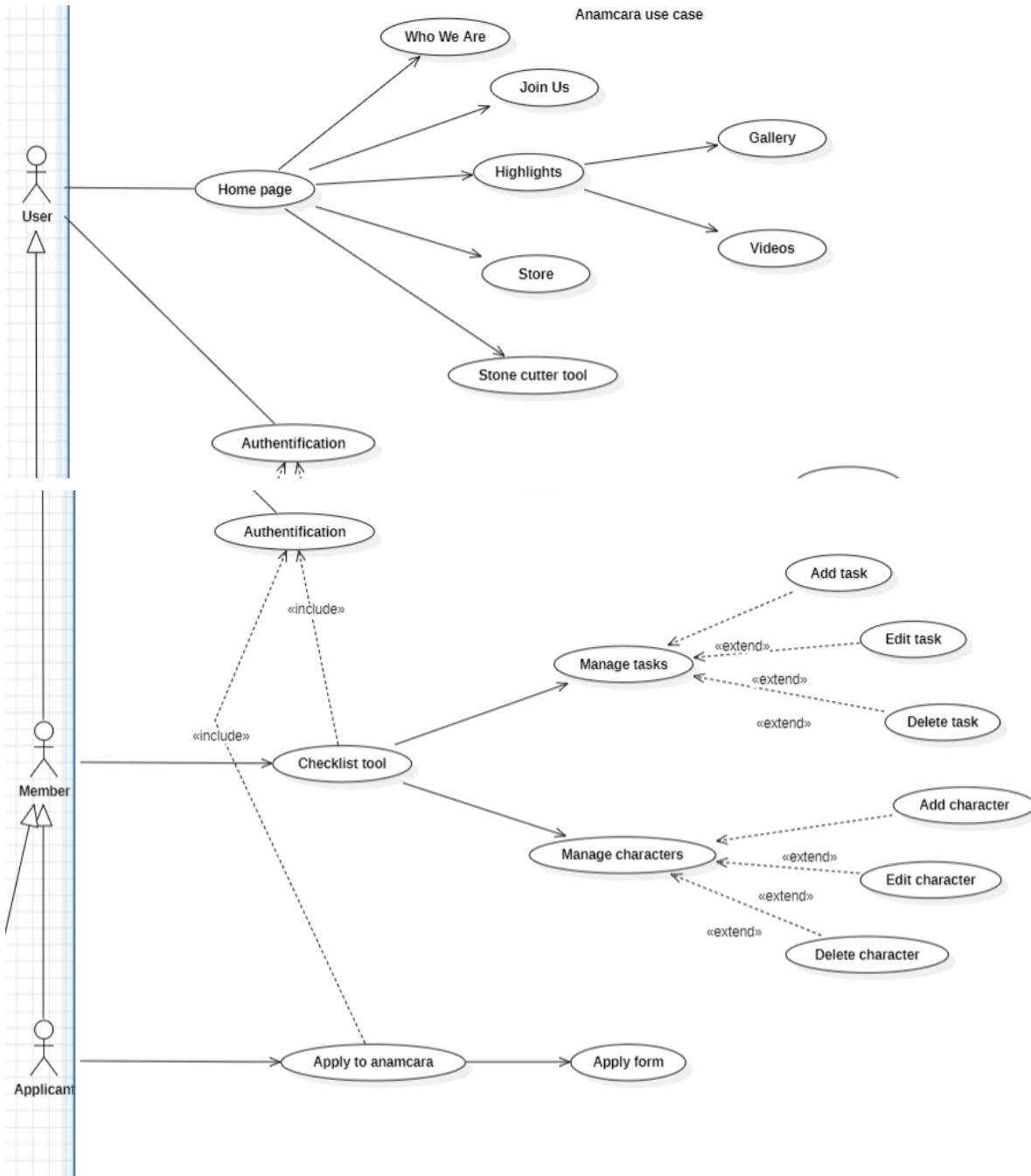
- Implement Discord OAuth2 for user authentication.
- Assign the same roles the user has in the guild server.
- Differentiate user roles based on Discord roles (officers, members).
- Users that are not in the Anamcara Discord community are considered guests.

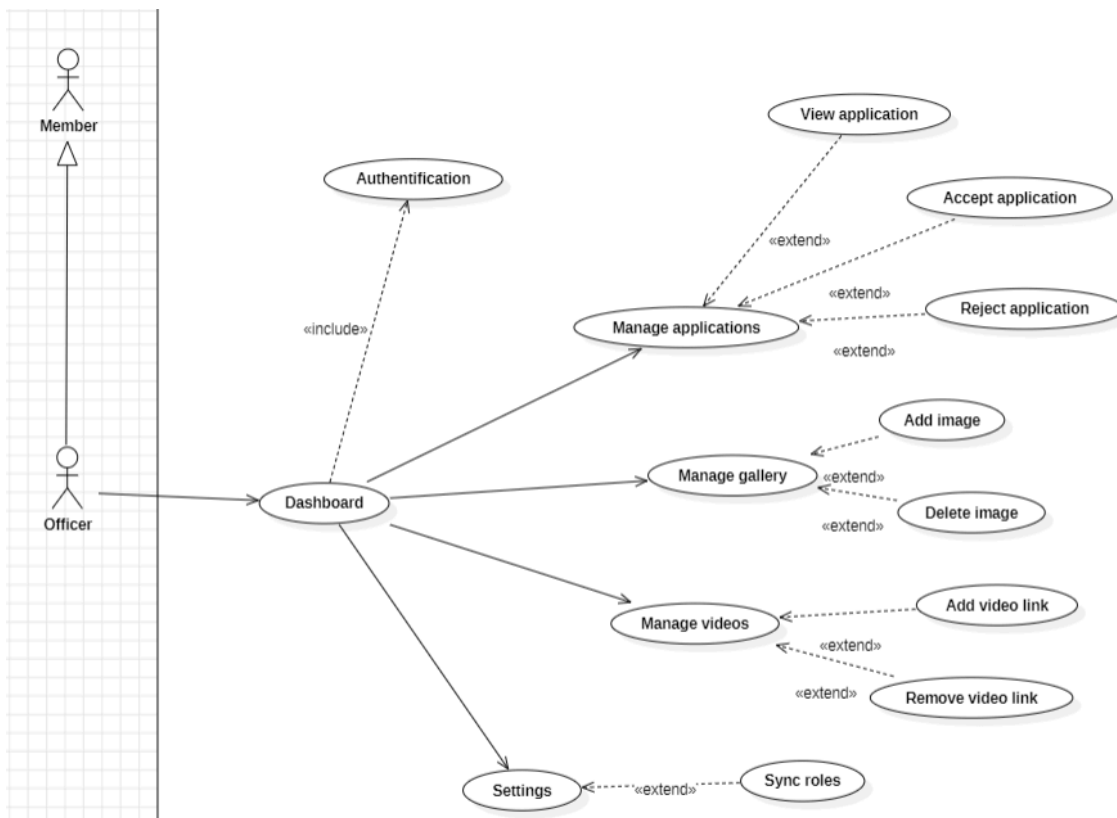
4.8 Dashboard (for Officers)

- Display key metrics, such as member count and application status.
- Gallery and video section management.
- Facilitate the review and management of incoming guild applications.

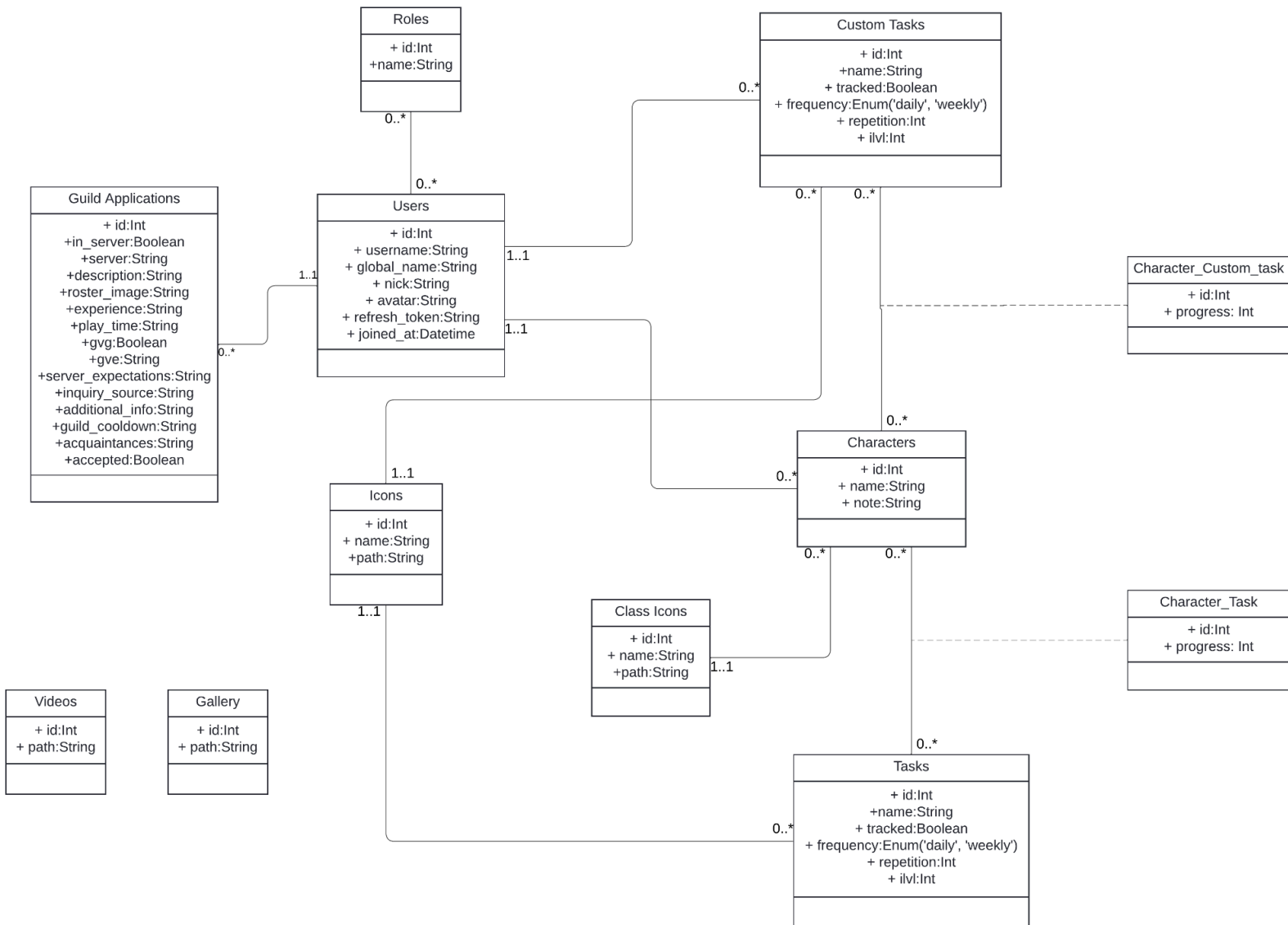
Diagrams:

Use case diagram:

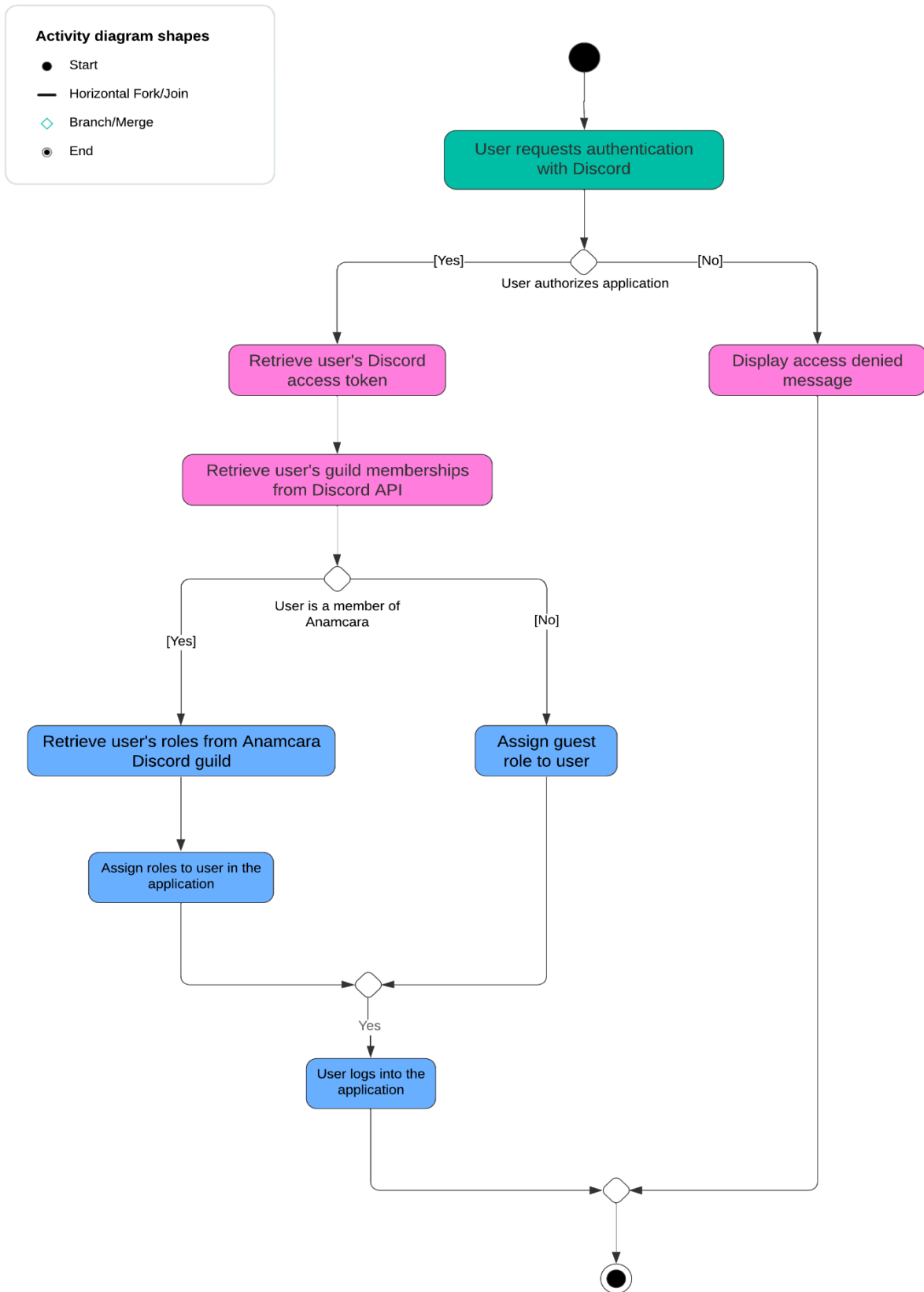




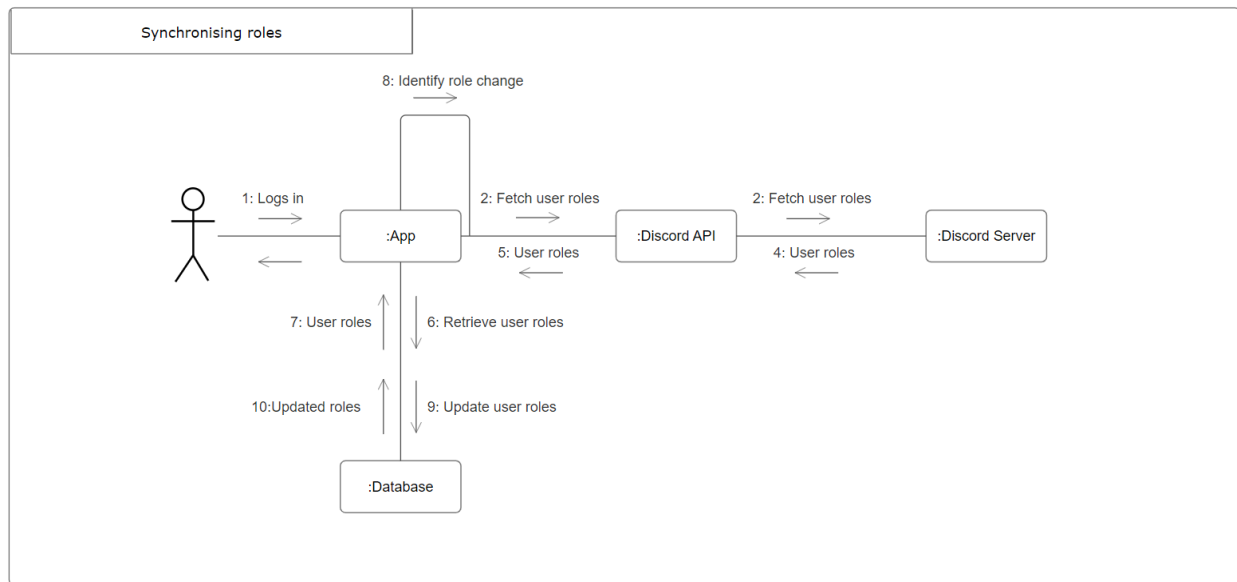
Class diagram:



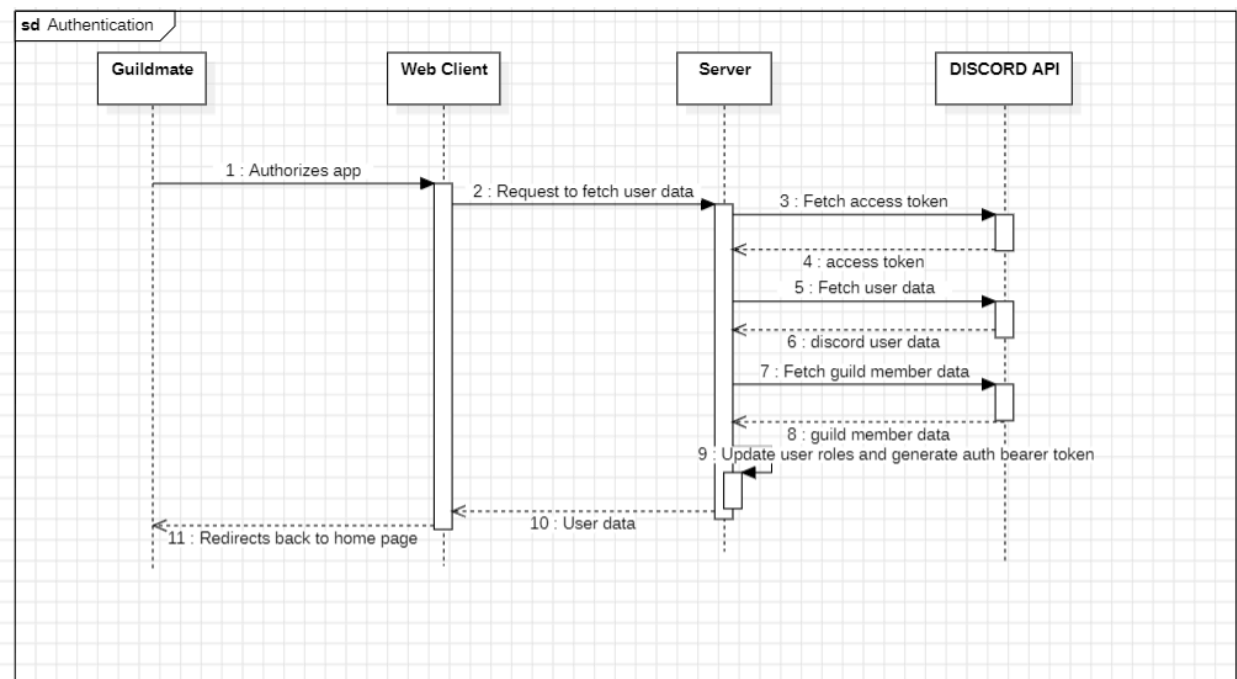
Activity diagram:

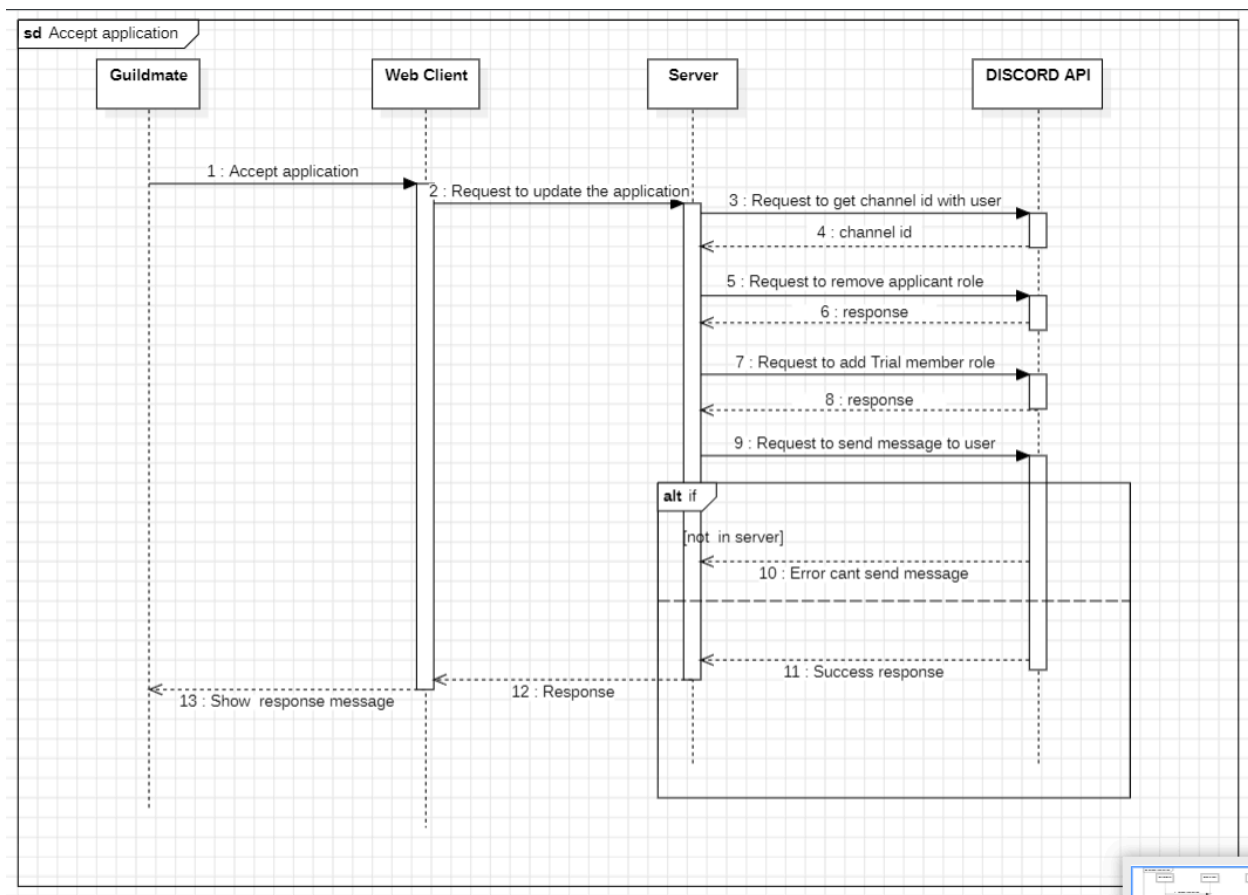


Communication diagram:



Sequence diagram:





5. Non-Functional Requirements

5.1 Performance

- Ensure fast loading times and scalability to handle increased traffic.
- Optimize website performance for various devices and browsers.

5.2 Usability

- Design an intuitive and user-friendly interface for easy navigation.
- Implement responsive design principles.

5.3 Security

- Implement secure user authentication using Discord OAuth.
- Protect user data and ensure compliance with data protection regulations.

5.4 Compatibility

- Ensure compatibility with common web browsers and devices.

6. Used Technologies Section

6.1 Front-End Technologies

- HTML: HyperText Markup Language for structuring the website's content.
- CSS: Cascading Style Sheets for styling and layout.
- JavaScript (JS): Programming language for client-side interactivity and dynamic content.

6.2 Back-End Technologies

- PHP: Server-side scripting language for dynamic web page generation.

6.3 Frameworks

- Laravel: PHP web application framework for efficient and scalable development.
- React.js: JavaScript framework for building user interfaces and single-page applications.
- Tailwind CSS: Utility-first CSS framework for building custom designs with minimal styling effort.

6.4 Integrated Development Environment (IDE)

- Visual Studio Code (VSCode): A lightweight, powerful code editor with support for various languages and extensions.

6.5 Database

- MySQL: Relational database management system for storing and retrieving data efficiently.

6.6 Version Control

- Git: Distributed version control system for tracking changes in the codebase.

7. Summary

The Anamcara Guild Website is envisioned as a comprehensive digital platform to strengthen the community bonds within the Anamcara guild in Lost Ark. This document outlines the key components and features that will be integrated into the website to enhance communication, showcase guild highlights, streamline the application process, and provide practical tools for daily and weekly activities.