

User Requirements Specifications Document

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Agreements/decisions:

- I will create a website for users to explore anime trailers, read details, and post reviews. Additionally, an admin application will be developed for CRUD operations and review management.

Functional requirements:

- FR-01: A user should be able to create an account.
- FR-02: A user should be able to view anime trailers.
- FR-03: A user should be able to read anime details.
- FR-04: A user should be able to post reviews.
- FR-05: An admin should be able to perform CRUD operations on anime data.
- FR-06: An admin should be able to approve or delete reviews.
- FR-07: An admin should be able to log in to the admin application.
- FR-08: An admin should be able to search for a user.
- FR-09: An admin should be able to see the number of reviews per user.
- FR-10: A user should be able to filter anime based on genres or other attributes.
- FR-11: A user should be able to sort anime based on popularity, reviews, or release date.
- FR-12: An admin should be able to ban or unban users.
- FR-13: A user should be able to add anime to a personal watchlist.
- FR-14: A user should be able to rate anime out of 5 stars.

Non-functional requirements:

- NFR-01: The program will require low maintenance.
- NFR-02: The program will be used only by logged-in users, enhancing security.
- NFR-03: The system will have a database to store data for the website and admin application.
- NFR-04: The system will be user-friendly for both admins and users.
- NFR-05: The system will be robust and bug-free.
- NFR-06: The system should be able to support multiple concurrent users.
- NFR-07: The system should be responsive and work across different devices and screen sizes.
- NFR-08: The system should load content within 2 seconds to ensure a smooth user experience.
- NFR-09: The system should comply with data protection and privacy regulations.
- NFR-10: The system should log all admin activities for auditing purposes, including changes made to anime titles and user reviews.

Use Cases:

UC-01: Login to the AniX Website

- Actor: User
- Main Success Scenario:
 1. Actor provides login credentials and confirms.
 2. System transfers the user to the landing page of the website.
- Extensions:
 1. 2a. The login details are incorrect.
 1. System displays an incorrect data message.
 2. Actor clicks on the "Forgot password" button.
 3. System transfers to a "Reset password" page.
 4. End of use case.

UC-02: View Anime Trailer

- Actor: User
- Main Success Scenario:
 1. Actor clicks on an anime title.
 2. System displays the anime trailer.
- Extensions:
 1. 2a. The trailer is unavailable.
 1. System displays a message "Trailer not available."
 2. End of use case.

UC-03: Post a Review

- Actor: User
- Main Success Scenario:
 1. Actor navigates to an anime detail page.
 2. Actor writes a review and submits.
 3. System displays the submitted review.
- Extensions:
 1. 2a. The review text is empty.
 1. System displays a message "Please write a review."
 2. End of use case.

UC-04: Admin CRUD Operations

- Actor: Admin
- Main Success Scenario:
 1. Admin logs into the admin application.
 2. Admin performs CRUD operations on anime data.
- Extensions:
 1. 2a. Admin is not authorized.
 1. System displays a message "Unauthorized access."
 2. End of use case.

UC-05: Admin Reviews Management

- Actor: Admin
- Main Success Scenario:
 1. Admin navigates to the reviews management section.
 2. Admin approves or deletes reviews.
- Extensions:
 1. 2a. No reviews are available for moderation.
 1. System displays a message "No reviews to moderate."
 2. End of use case.

UC-06: Filter Anime Listings

- Actor: User
- Main Success Scenario:
 1. Actor selects filters from the dropdown menu.
 2. System updates the anime list based on selected filters.
- Extensions:
 1. 2a. No anime matches the filter criteria.
 1. System displays a message "No results found."
 2. End of use case.

UC-07: User Adds Anime to Watchlist

- Actor: User
- Main Success Scenario:
 1. Actor clicks on the "Add to Watchlist" button next to an anime title.
 2. System adds the anime to the user's watchlist.
- Extensions:
 1. 2a. User is not logged in.
 1. System displays a message "Please log in to add to watchlist."
 2. End of use case.