

‘JAMDb’-A Content Review Web Application

Document:

System Requirement Specification

Objective (Purpose):

The aim of this document is to explain the functionality of the project named 'JAMDb' -A content review and rating system, The objective of this application is to provide a platform for users to rate and review various types of content, such as Movies, Manga, Anime, Audio Albums and more. The system aims to facilitate user engagement and feedback, and to help other users make informed decisions about whether to engage with or purchase the content.

This document will provide a baseline for design of the database, user interfaces, coding & evaluation of test plans. It will be used as a solid foundation for continued product evaluation.

Scope

The scope of a content review and rating system like ‘JAMDb’ would typically include the following:

User Management: The system should allow users to create an account, login, and manage their profile information.

Content Management: The system should allow users to view, search, and filter content on the platform. Admins should have the ability to approve/reject content before it's made public.

Review and Rating System: The system should allow users to rate and review content on a scale of 1-5 stars, and leave comments on the content. The system should also aggregate and display ratings and reviews to help users make more informed decisions.

Functional Requirements:

User Management:

- Users should be able to create an account by providing their email and password.
- Users should be able to login and logout of the system.
- Users should be able to update their profile information such as their username, email, and password.
- Users should be able to delete their account.
- Users should be able to reset their password if they forget it.

Content Management:

- Users should be able to view and search for content on the platform.
- Users should be able to filter and sort content based on different criteria such as rating, number of reviews, and date of publication.
- Users should be able to view detailed information about a piece of content.
- Admins should be able to approve/reject content before it's made public.
- Admins should be able to delete or edit content that violates the guidelines.

Review and Rating System:

- Users should be able to rate and review content on a scale of 1-5 stars and leave comments.
- Users should be able to edit or delete their own reviews and ratings.
- Admins should be able to approve/reject reviews and ratings before they are made public.
- Admins should be able to delete or edit reviews and ratings if they violate the guidelines.
- Users should be able to report reviews and ratings that they believe violate the guidelines.

Premium User

1. Premium Content Access:
 - Premium users should have access to exclusive content that is not available to non-premium users.
 - Premium users should be able to access additional information about the content such as behind-the-scenes information or interviews with the creators.

2. Advanced Filtering and Sorting:

- Premium users should be able to filter and sort content based on advanced criteria that are not available to non-premium users.
- Premium users should be able to create and save custom filters and sorting options.

3. Priority Support:

- Premium users should have access to a dedicated support team that can provide assistance with any issues or questions they may have.
- Premium users should be able to contact the support team through a priority support channel.

4. Personalized Recommendations:

- Premium users should receive personalized content recommendations based on their viewing history and ratings.
- Premium users should be able to adjust their recommendations settings to fine-tune the content they receive.

5. Enhanced User Profile:

- Premium users should have access to enhanced profile features such as a personalized avatar or background.
- Premium users should be able to customize their profile settings and layout.

6. Ad-free Experience:

- Premium users should have an ad-free experience and not be shown ads while using the system.

Security:

- The system should have secure authentication and authorization mechanisms

Non-functional Requirements:

Performance:

The system should be able to handle a high volume of concurrent users.

The system should have a response time of less than 2 seconds for all user actions.

The system should be able to scale with increasing traffic.

Security:

The system should protect user data from unauthorized access, use, or disclosure.

The system should comply with all relevant data protection regulations.

The system should have proper authentication and authorization mechanisms in place.

Usability:

The system should be easy to use and understand for users of all skill levels.

The system should have a user-friendly and responsive interface that is accessible on different devices and platforms.

The system should provide clear and concise error messages when something goes wrong.

Reliability:

The system should have a high availability and low downtime.

The system should be able to recover quickly from any failures or errors.

Maintainability:

The system should be easy to maintain and update.

The system should have clear and well-documented code.

The system should be designed for testability and ease of testing.

Compatibility:

The system should be compatible with the latest versions of major web browsers and mobile operating systems.

The system should be compatible with the latest versions of the technologies and libraries used in the development of the system