

Functional Requirements

1 Review Management

1. Automated Review Checks:

- Each newly submitted review must go through an automated checking process.
- Admins can configure the rules for the auto-checker (e.g., word filters).
- The auto-checker should flag reviews that violate community guidelines.

2. AI-Driven Review Analysis:

- An AI-driven tool should analyze each review to ensure it complies with community guidelines.
- The tool should provide a confidence score or flag potential issues for manual review.

3. Manual Review Approval/Rejection:

- The site owner (and admins, if applicable) should have the ability to manually accept or decline reviews.
- A dashboard should display all pending reviews with options to approve, reject, or flag them.

4. Review Statistics:

- Display the total number of reviews on the site.
 - Show the number of approved, pending, and rejected reviews.
-

2 User Management

1. User Role Requests:

- Normal users can request a role upgrade to become admins.
- Only the site owner can approve or decline these requests.

2. User Profile Management:

- Clicking on a username should display all relevant user data, including:
 - Number of flagged reviews.
 - List of all reviews submitted by the user.
 - Current role and role change requests (if any).
- The site owner should be able to modify user roles (e.g., promote to admin, demote to normal user).

3. User Banning and Appeals:

- Users with a high number of deleted posts should be automatically banned.
 - Banned users can appeal their ban.
 - The admins should be able to:
 - View a list of users who have appealed their bans.
 - Review the banned user's posts and activity.
 - Decide to either restore the user's previous role or maintain the ban.
-

3 Analytics and Reporting

1. User Statistics:

- Display the total number of active users.
- Show the number of banned users.
- Provide a breakdown of user roles (e.g., normal users, admins).

2. **Weekly Activity Reports:**

- The site owner should receive a weekly email report summarizing:
 - Number of new reviews submitted.
 - Number of reviews approved, rejected, or flagged.
 - Number of new users and banned users.
 - Number of role change requests and their statuses.
 - An average of the previous week's ratings.

Site Owner

- As the site owner, I want to configure the auto-checker rules so that I can ensure reviews meet quality standards.
- As the site owner, I want to manually approve or reject reviews so that I can maintain control over the content.
- As the site owner, I want to view user statistics and review analytics so that I can monitor site activity.
- As the site owner, I want to receive weekly activity reports so that I can stay informed about site performance.
- As the site owner, I want to be able to manage users' roles.

Admin

- As the admin, I want to be able to access all the functionalities an owner has access to, except managing users' roles.

Normal Users

- As a normal user, I want to request a role upgrade to admin so that I can help manage the site.
- As a banned user, I want to appeal my ban so that I can regain access to the site.