

Functional Requirements

1. User Registration

Users should be able to create an account by entering basic details like username, email, and password.

2. User Login and Logout

Registered users should be able to securely log in to their accounts and log out when done.

3. Create, Edit, and Delete Posts (Author)

Authors should be able to write new blog posts, make changes to them, or delete them if needed.

4. Save as Draft or Publish Post

Authors should have the option to save their work as a draft before publishing it for readers.

5. Add Tags and Categories

When writing a post, authors should be able to organize it by adding relevant tags and choosing a category.

6. View Published Posts (Reader)

All visitors or readers should be able to see published blog posts without needing to log in.

7. Search Posts by Keywords or Tags

Users should be able to find specific posts using a search bar or by clicking on tags or categories.

8. Comment on Posts (Registered Users)

Logged-in users (usually readers) should be able to leave comments under blog posts.

9. Comment Moderation (Author)

Authors should be able to manage comments on their posts, including approving or deleting them.

10. **Like and Share Posts**

Readers should be able to like blog posts and share them on social media or through links.

11. **Subscribe to Blog or Authors**

Users should be able to subscribe to the blog or specific authors to get updates on new posts.

12. **Admin User Management**

Admins should be able to add, block, or delete user accounts as needed to maintain the platform.

13. **Manage Categories and Tags (Admin)**

Admins should control the list of available categories and tags used by authors to ensure consistency.

14. **View Blog Statistics (Admin)**

Admins should be able to see stats like number of users, posts, comments, and page views.

15. **Receive** **Notifications**

Users (especially authors) should get notifications when someone comments on their posts or subscribes to them.