

Detailed Scope for Blog Management System with Admin Panel

Here's a breakdown of the **Frontend** and **Admin Panel** components, with detailed tasks clearly separated and easy to understand.

Frontend (for Users)

1. Homepage:

- Display a list of **blog posts** with the following details:
 - **Post Title.**
 - **Brief Summary** (first few lines of the post or an excerpt).
 - **Author** and **Post Date.**
 - **Featured Image** (optional).
- Provide a **Read More** link to view the full post.
- Display blog posts in a **grid** or **list format** with pagination or infinite scroll.

2. Post Pages:

- Display the **full blog post** with:
 - **Title, Content, Author, Post Date.**
 - **Featured Image** (if available).
 - **Social Sharing Buttons** (e.g., Facebook, Twitter).
 - **Tags** and **Categories** associated with the post.
- Show a **comments section** where users can leave feedback.

3. Comments Section:

- Users can leave comments on posts if they are registered/logged in.
- Option to **like** or **dislike** comments.
- Option to **reply to comments.**
- Display **recent comments** and **comment approval status** (if needed).

4. Search Functionality:

- Add a **search bar** at the top to allow users to search for blog posts.
- Search results will be filtered by **keywords**, **categories**, or **tags**.

5. Categories & Tags:

- Display posts filtered by **categories** (e.g., Technology, Lifestyle, Health).
- Display posts by **tags** (e.g., Coding, AI, Fitness).

6. User Registration & Login:

- Allow users to **register** and **login** (optional feature).
- Registered users can manage their **comments**, update their **profile**, and track their **activity**.

7. User Profile:

- After login, users can view and update their **profile** (e.g., name, email, avatar).
- View the **comment history** of the user.

8. Footer:

- Add footer with **links to the About Page, Contact Page, Privacy Policy, Terms of Service, and Social Media Links**.
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Admin Panel (for Administrators)

1. Dashboard:

- Provide an **overview** of:
 - Total number of **posts**.
 - **User activity** (new registrations, comments).
 - **Recent comments, moderation needs, and recent posts**.
 - Quick links to frequently used sections (e.g., Posts, Users, Comments).

2. Post Management:

- **Create, Edit, Delete Blog Posts:**
 - Admins can create new posts with **title, content, tags, and categories**.
 - Admins can edit or delete any post.
- **Post Approval:**
 - If guest authors can post, the admin should approve or reject posts before they are published.
- **Scheduling Posts:**
 - Option to **schedule** posts to be published at a future date.
- **Post Visibility:**
 - Ability to **make posts private or public**.
- **Add Tags and Categories:**
 - Admins can create and manage **tags** and **categories** to organize posts.

3. User Management:

- **View and Manage Users:**

- View all registered users, including details like username, email, role, and activity.
- **Edit** user details (e.g., change role, block/unblock users).
- **Assign Roles:**
 - Admin can assign roles such as **Admin**, **Editor**, **Author** to users.
- **Delete Users:**
 - Admin can **delete** or **disable** users if necessary.
- **User Permissions:**
 - Restrict or grant access to different sections of the blog (e.g., post approval, comment moderation).

4. Comment Management:

- **View and Manage Comments:**
 - View, approve, delete, or mark comments as **spam**.
 - Filter comments by **approval status**, **user**, or **post**.
- **Spam Management:**
 - Flag or mark comments as spam or abusive.
- **Comment Notifications:**
 - Option to get email notifications for new comments or flagged comments.
- **Comment Approval Settings:**
 - Choose to **automatically approve** or **moderate** comments before they go live.

5. Category & Tag Management:

- **Create, Edit, Delete Categories:**
 - Admin can manage the blog's **categories** (e.g., Tech, Travel).
- **Create, Edit, Delete Tags:**
 - Admin can manage **tags** for blog posts (e.g., AI, JavaScript).
- Assign posts to **multiple categories** and **tags**.

6. Analytics & Reports:

- **View Blog Stats:**
 - View the number of **page views** for posts.
 - Track **user engagement** (likes, comments, shares).
- **Post Performance:**

- View reports on the **most popular posts, most commented posts, and recently updated content.**

7. Notification System:

- Enable **email notifications** for key events:
 - New comments on posts.
 - New user registrations.
 - New blog posts needing approval.

8. System Settings:

- **General Settings:**
 - Set the **site title, description, logo, and favicon.**