**4.1.2 Implementation Details of Modules**

Modules of the system are described as below:

**User Module:**

**User add/edit/delete comment**

In this module, User can add, edit, and delete comments on blog posts. The User starts the action by clicking on a blog post and then adding their comment in the comment section. The user can perform edit and delete actions on their own comments.

**User post view of all user according to the category**

User can view all the blog posts in the system sorted by category. The page displays all the list of blog posts in the selected category from the database.

**User add/edit/delete post**

Users can create their own posts within the categories created by the admin. They can add text, images, and other media to their posts, and edit or delete them as needed.

**User post view of all user according to the category**

In this module, users can view all the posts created by other users within a particular category. Users can browse through these posts and interact with them by commenting on them . Additionally, users can add, edit, and delete their own posts within the same category. This module allows users to engage with the content on the platform and contribute to the community.

**Admin Module**

**Admin Login and Dashboard**

Admin can log in to the system using their username and password. Once logged in, they can access the admin dashboard which displays an overview of the system's activity and important metrics

**Category Management**

Admin can manage the categories available in the system. This includes adding, editing, and deleting categories. Admin can also view a list of all categories in the system.