**Blog application**

**Functional requirements**

**User Management**

**User Registration**

* The system must allow users to register by providing a unique username, email, and password.
* Upon registration, the system must send a confirmation email to the user.

**User Login/Logout**

* The system must allow users to log in using their email and password.
* The system must allow users to log out.

**User Profiles**

* The system must allow users to create and update their profiles, including adding a bio and profile picture.

**Password Reset**

* The system must allow users to reset their password via an email link.

**2. Blog Post Management**

**Create Post**

* The system must allow authenticated users to create new blog posts.
* Each post must have a title, content, category, and tags.

**Edit Post**

* The system must allow authenticated users to edit their own blog posts.

**Delete Post**

* The system must allow authenticated users to delete their own blog posts.

**3. Content Organization**

**Categories**

* The system must allow posts to be organized by categories.

**4. Comment System**

**Add Comment**

* The system must allow users to add comments to posts.

**5. Search and Filtering**

**Search Functionality**

* The system must allow users to search for posts by keywords.

**Mind map**

