**User Stories**

**1. User Registration and Authentication**

* **As a visitor**, I want to sign in using GitHub authentication, so that I can access the app without creating a separate account.

**2. Post Creation and Management**

* **As a user**, I want to create and publish posts (with text, images, or videos), so that I can share content with others.
* **As a user**, I want to edit or delete my posts, so that I can manage my content.
* **As a user**, I want to view a list of all posts I’ve created, so that I can track my activity.

**3. Viewing and Interacting with Posts**

* **As a user**, I want to view a feed of recent posts from other users, so that I can discover new content.
* **As a user**, I want to like or unlike posts, so that I can express my appreciation for content.
* **As a user**, I want to bookmark posts, so that I can save them for future reference.
* **As a user**, I want to see how many likes a post has, so that I can gauge its popularity.

**4. Search and Discovery**

* **As a user**, I want to search for posts by keywords, so that I can find content that interests me.
* **As a user**, I want to search for other users by their name or username, so that I can explore user profiles.
* **As a user**, I want to explore trending posts, so that I can discover popular content.

**5. Security and Privacy**

* **As a user**, I want my data (personal information) to be stored securely, so that I can trust the platform with my information.

**Functional Requirements**

1. **User Registration and Login**:
   * The system must allow users to authenticate using GitHub (OAuth2).
   * No password reset functionality is needed, as there is no email-based login.
2. **Post Creation and Management**:
   * The system must allow users to create posts with text, images, and videos.
   * Users must be able to edit or delete their own posts.
   * Posts must have an option to be marked as public or private.
3. **Feed and Post Interaction**:
   * The feed should display recent posts from all users, ordered by recency.
   * Users can like and bookmark posts.
   * Post interaction data (likes, bookmarks) should be tracked and displayed.
4. **Search and Discovery**:
   * Users must be able to search for posts and other users using keywords or usernames.
   * The system should allow users to discover trending posts based on popularity metrics.
5. **Security and Privacy**:
   * All communication between the client and server must be encrypted using SSL.