User Registration Description:
Users can register a new account by providing a unique username. The registration process stores the user's information in the database.
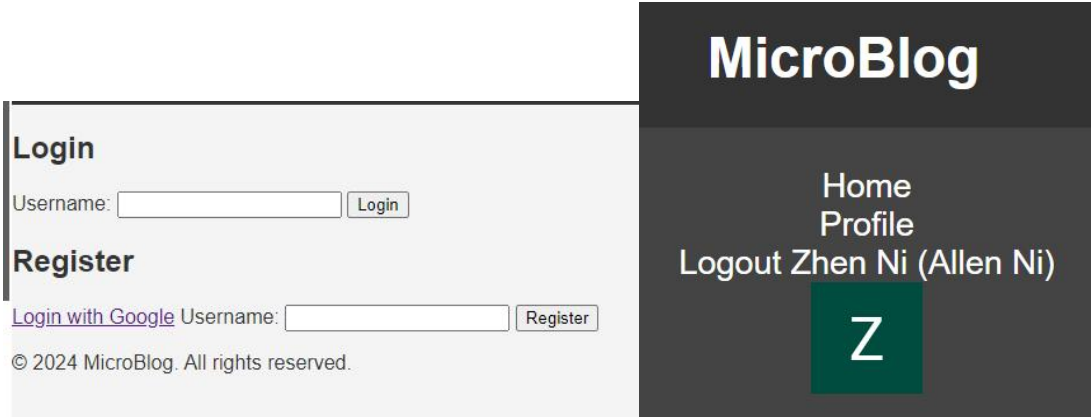
User Login Description:
Registered users can log in to the application using their username. Successful login creates a session for the user, allowing them to access protected routes.

```
Opening database file: microblog.db
Users table exists.
Users:
{
  id: 1,
  username: 'user1',
  hashedGoogleId: 'hashedGoogleId1',
  avatar_url: '',
  memberSince: '2024-01-01 12:00:00'
}
{
  id: 2,
  username: 'user2',
```

```
  avatar_url: '',
  memberSince: '2024-05-31T00:06:28.267Z'
}
{
  id: 6,
  username: 'Zhen Ni (Allen Ni)',
  hashedGoogleId: '110740790351137440502',
  avatar_url: 'https://lh3.googleusercontent.com/a/ACg8ocJT8La-S2Gkte3mjb_qCclEKHqkkieQFZgv0Vt-RFcR_XLDvw=s96-c',
  memberSince: '2024-05-31T01:32:58.690Z'
}
Posts table exists.
Posts:
{
```

Google OAuth Authentication Description:
Users can log in using their Google accounts through OAuth authentication. This method provides a secure and convenient way to access the application.

MicroBlog

Home
Profile
Logout Zhen Ni (Allen Ni)

Z

Login

Username: [   ] [Login]

Register

Login with Google Username: [   ] [Register]

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Post Creation Description:
Authenticated users can create new posts. Each post includes a title, content, and timestamp, and is stored in the database.

Post Listing Description:
The home page displays a list of all posts in reverse chronological order. Each post shows the title, content, author, timestamp, and the number of likes.

User Profile Description:
Each user has a profile page displaying their personal information and a list of posts they have created.

Avatar Generation Description:
Each user is assigned a default avatar generated based on their username. The avatar is displayed alongside their posts and on their profile page.

Emoji Integration Description:
Users can add emojis to their posts using an integrated emoji panel, enhancing the expressiveness of the content.