Social media app rough plan

Goal:

To create a striped down version of twitter using java, sql and frontend tools.

Will have a secure log in system.

Where users can create posts of max length of 280 characters.

Other users can like and comment on others posts as well as their own.

Plus, they can search for other users and subscribe/follow them for easy access to their content

Layout:

The app will be split into 4 main parts plus the frontend and database.

1. User

* Login
* Create account
* Edit Name
* Delete account
* Change password
* Change email

1. Post creation
   * Create a post
   * Delete a post
   * Create post drafts
   * Can’t edit posts after creating them
2. Post interaction
   * View a single Post (with Post ID unique to each post)
   * View a list of Posts (Filter by user or subscribers)
   * View all posts (from newest to oldest?) (don’t know how this will go)
   * Like a post (either add or remove like based on the current state)
   * Comment on post
   * Remove comment
3. Other users
   * Search of users
   * Subscribe/follow user (add or remove from subscription list based on current state)
   * Get list of people who follow you
   * Get a list of people user follows

Red is for features that can be added at the end

DTO, entries:

User

* String – Username
* String – Password?
* String – email
* String - Fullname
* List(String) – list of following ( their user names)

Post

* String – creator’s username
* Long – PostID
* String - content (280 charaters max)
* Datetime – time stamp
* List(String) – list of likes( usernames)
* List(long) – comments(comment IDs)

Comment

* Long – commentID
* Long – postID
* String – creator’s username
* String – Content
* dateTime - timestamp