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OOSE Lab2

Student Networking website

Functional requirements:

- Create post: Every user has the capability to create a new informative post on the topic of their choice.
- Create comments: Every user has the capability to start a discussion on a particular topic via commenting on the live blog in real time.
- Create profile: Every user has the capability to own their own page with their personal details that they are willing to share on the global platform
- Update posts: Every user has the capability to update their own posts in case there is a typographical error.
- Update profile: Every user has the capability to update their profile based on their recent experiences.
- Delete posts: Every user has the capability to delete only their own posts if they wish to do so.
- Delete comments: Every user has the capability to delete only their own comments if they wish to do so.
- Like a post: Every user has the capability to appreciate the posts written by fellow users by liking them.
- Like a comment: Every user has the capability to appreciate the comments written by fellow users by liking them.
- Display posts: Every user has the capability to view all the posts of the users shared on the network.
- Display profile: Every user has the capability to view profiles of the users on the network.
- Display comment: Every user has the capability to view all the comments of the users shared on the network.

Non functional requirements:

1. Security: Only registered users are allowed to post, comment and like.
2. User friendly: Easy to read and write blogs and have a discussion below each blog.

3. Performance: Super fast deployment of blogs and real time updation of posts, comments and likes.
4. Maintainability: The database is maintained over a huge cluster of super computers spread all across the world.
5. Portability: The software shall be deployed at any machine
6. Reusability: The data and record that are saved shall be reused if needed that's stored in backup
7. Reliability:
    a. Increasing the performance of the software will improve the reliability of the software.
    b. Storing backup data can increase reliability of the software.