CSC 667/867

Internet Application Design and Development

Reddit-Lite

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Proposal

Reddit is one of the biggest if not the biggest web forum for most Americans. Given that, there are still improvements to be made and the real-time post update is the one feature which we, as redditors, wish reddit has. What is real-time post update? Realtime post update is the ability of a post to render the comments in real-time as the users are interacting with the post. For instance, imagine "User A" is surfing through the post and the new comment was made to the post by "User B", the new comment will appear on the post while the "User A" remains on the post. Currently, we will need to refresh the page to see the new comments made after the page is loaded on Reddit. So, our team will be building a webapp which is loosely based off of Reddit.com with the real-time post update ability for our final project. That being said, we will try to implement all the features that reddit currently supports. However, due to the time constraint, we will most likely not maintain the tree structure that Reddit does with Parents and Childs comments. Also, we will not have the ability to create subthread. As for the application, the user will need to log in before the user can read or create the posts. If the user does not have an account, he or she may register which will then redirects the user to dashboard upon successful register or log in. From the dashboard, the user may create post or read the post where he or she can comment along with all the registered users.

UI Mockup

Sign Up Page

Logo   **Reddit Lite**

SIGN UP

First Name

Last Name

Email

Password

Confirm Password

▨ I agree to terms and conditions

CAPTCHA

J O I N

Already have an account? Login

Footer

Log In Page

Logo   **Reddit Lite**

Login

Email

Password

CAPTCHA

Login

Forgot Email?

Forgot Password?   Don't have an account? Sign up

Footer

Dashboard/Home

Logo   **Reddit Lite**   Username logout

NAVBAR

Sort by   Most Recent ▼

Title of the post
submitted n hours ago by UserName to Category
20.0k comments

Title of the post
submitted n hours ago by UserName to Category
20.0k comments

Title of the post
submitted n hours ago by UserName to Category
20.0k comments

Footer

Single Post Page

Logo   Reddit Lite   Username

NAVBAR

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Elementum curabitur vitae nunc sed.

20.0k comments   submitted n hours ago by UserName

Comments   Sort by   [Most Recent ▼]
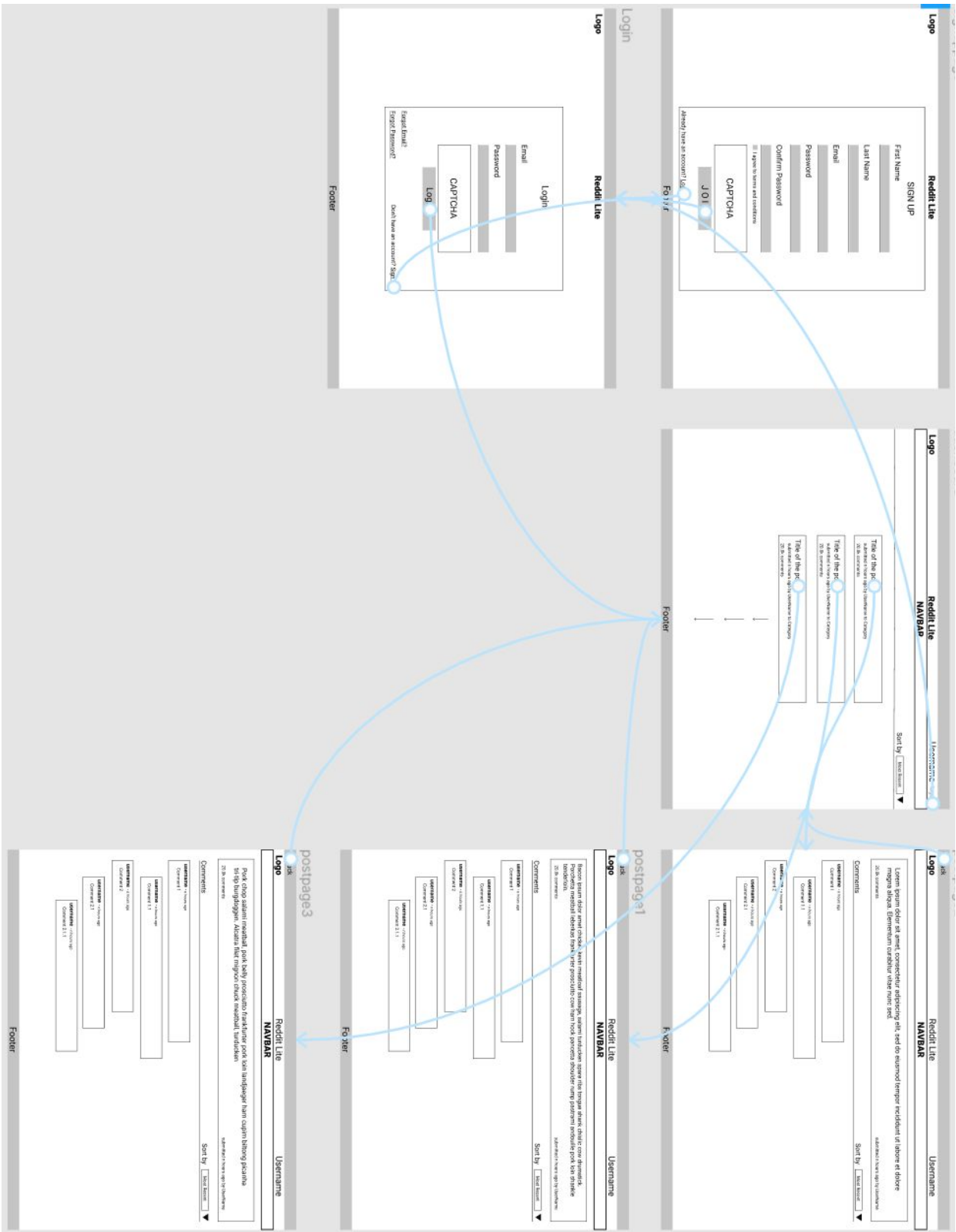
username · n hours ago
Comment 1

username · n hours ago
Comment 1.1

username · n hours ago
Comment 2

username · n hours ago
Comment 2.1

username · n hours ago
Comment 2.1.1

Footer

Wireframe

Architecture