

CSC 667/867

Internet Application Design and Development

Reddit-Lite

By

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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

JOIN

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

◀ Back

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

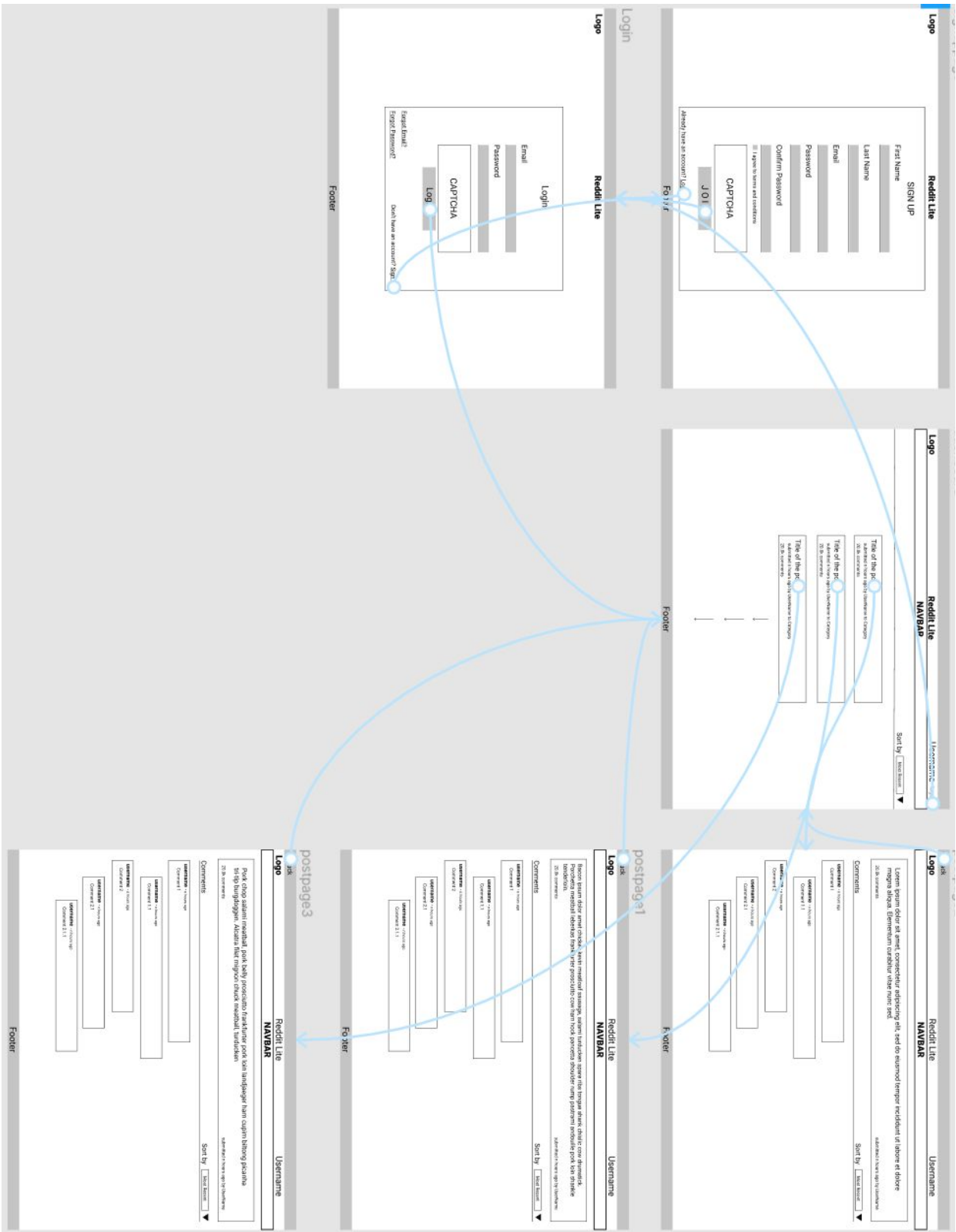
username • n hours ago
Comment 2

username • n hours ago
Comment 2.1

username • n hours ago
Comment 2.1.1

Footer

Wireframe



Architecture

