Assignment 3

Deadline: 15th July 2021, 23:59:59

OVERVIEW

Almost all of us use social media apps these days. But, with the use of these apps, there comes the risk of privacy being compromised. Everyone's wary of Facebook's data breach issue in 2019. Hence, your group of friends don't feel safe and secure while using social media apps such as Facebook, Instagram, etc. Your group decides to have a social media app of your own, which could reduce the risk of a data breach by multiple folds. Being the brightest in the group, you have been challenged with the task of building such an app. Now, you will have to prove your mettle in front of your friends; else, you would be considered unworthy of your tag. Since this app has to be used by your group only, you guys decided to keep things simple. Don't worry if all data is erased after refreshing the page. In future assignments, we will fetch all data from the backend.

This app has to be created using **REACT**.
The features of the app agreed upon are as follows:

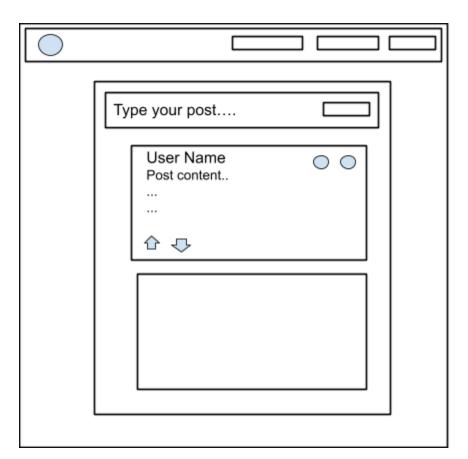## SECTIONS OF WEBSITE:-

The Navigation Bar [20]

The navigation bar will have links to all the pages: the DashBoard page, the Sign In page, and the Sign-Up page. The navigation bar must be fixed and should be visible on all the pages.

DashBoard [85+45(Bonus)]

This will be the landing page. Here users can create a post, edit a post, delete a post, and like or dislike the post. See this [website](); some of the features are similar to this.

1. On the top dashBoard, there will be a textbox where the user can type the post. On the right side, the share button will be there. After clicking on the button, the post will be added to the list. [30]

2. The post should contain the username (as of now, any random name), edit and delete icons (top right side), like and dislike button (bottom left side). **[15]**
3. Keep track of like and dislike (Whenever the user clicks the like or dislike button, the value must be increased respectively). Show the values beside the buttons. **[20]**
4. After clicking the delete icons, the post must be removed from the page. **[20]**
5. When the edit button is clicked on a post, the share button must change to the edit button. And you can edit the post in the textbox. After clicking the button, the post must be modified. (BONUS TASK) **[25]**
6. Show an alert message(don't use the default alert() function) on the top of the page whenever any post is created or deleted or edited. (BONUS TASK) **[20]**
7. **Note: No need to use the local storage for this assignment.**

Dashboard

Sign Up [30]

This page needs to have all the essential stuffs regarding the details usually required for new sign-in, such as:

● Name

- Email
- Phone Number
- Password
- Confirm Password
- Submit Button

This page is not expected to work for the time being. We will learn to make this page work during the next assignment by connecting it to the backend.

But, on clicking the submit button, it should display a message showing "Account has been created successfully" if credentials are valid; else, "Invalid Credentials" should be displayed.

Your creativity is welcome here.

Sign In [20]

This page is a basic form consisting of 2 fields (Email and Password) and a submit button. Again, this page isn't expected to work. But the message showing "Sign-In Successful" needs to be displayed if valid credentials are filled up (if email is a valid one).

Since this is a simple form, you will be graded based on your creativity.

WORDS OF ADVICE

❖ First, learn the basics of React, then try to implement that on SignIn and SignUp pages. Then move to dashBoard tasks.

❖ After completing the first two assignments we guess you have enough CSS skills, so utilise them properly. The more you utilise the more you will face problems and problems are the only way you will learn to debug. As the saying goes *"TO BUG IS HUMANE,TO DEBUG IS DIVINE"*.

❖ **_IMPORTANT:_** Write clean code so that you can use it for the next assignment.

❖ Try to use Functional Components as much as possible instead of Class Components (After learning React basics, this point will make sense.)

❖ Try to use hooks for completing the dashBoard tasks. (Follow youtube playlist for learning this)

Note:- You can use any frameworks like Bootstrap etc.

Resources:-

- [React Tutorial](#) (Must complete first four folders)
- [Youtube Playlist](#)
- [React projects](#) (Can watch [projects](#) which are relatable to the assignment)