**WRITE UP:**

1. Why did you pick the particular stack/libraries/frameworks that you selected?

Ans. It is a simple and small project with one main function that adds and updates the color palettes. Code is implemented using HTML, CSS, JavaScript and jQuery.

1. What are your thoughts on repository layout? Do you prefer a particular style? ie general organization of code, components, tests, etc.

Ans. I do prefer Module pattern for code organization of larger projects to keep pieces of code that are related to one another - together – inside of separate, independent and organized units.

Each of these modules will have functions and variables which are private which means they are only accessible inside of the module. We want that so that no other code can override our data.

1. What are your thoughts on front-end URL routing? Are there any principles that you prefer to follow?

Ans. Front-end URL routing occurs when more application logic on the client side is handled internally by the JavaScript. On clicking a link, the URL changes but there is no request to the server. The adjustment to the URL results into change of state of the application. This ultimately results into a different view of the webpage. This could be a request to a server for data that the application will turn into some HTML elements or even rendering of a new component.

It is important to note that the whole page won’t refresh when using frontend-URL routing. There are just some elements inside the application that will change. From there, unless a user manually refreshes the page, the server sends raw JSON data.

4) Do you have any strong feelings on css styling/structures?

Ans. CSS is the heart of look and feel of the project. The very first thing I do at the start of a project is to begin to think about what classes, what div structures will I need to design my project. Next, I develop, group and comment them a per the modules I have used.

5) If you were to develop this front end further, what future features or improvements would you like

to achieve?

Ans. 1) I would like to add further links to the color palettes and add a way to select individual colors as well as provide color codes, views and likes.

2) It would be great to add a feature that allows the user to further create their own color palette.

3) Search bar can be used to search for specific themes, so that application in turn can provide relevant color palettes.

4) Features like notifications, friends and groups can be added for professionals like bloggers, developers or simple users to support discussions.

5) Samples can be provided for further help and easy choices.