Mini Project 2

What was your requirements gathering and design process?

I brainstormed a few ideas and decided on a simple write/read/edit/delete list website. Once I decided what I was going to do I thought about how I wanted users to interact with it and I created a user flow chart, then I created a lo fi model of the website, and after the lo fi model was created I wrote requirements list of what I would need for the website.

Was it useful/successful?

It was very successful, it allowed me to follow a simple procedure with almost no changes to the original plan along the way.

Give a high level overview of your application and its features.

Where does its data come from (external/internal APIs)?

Interal APIs from context arrays to premade list arrays

How is this data processed and displayed?

It is processed and displayed through cards.

How can the user interact with your application? How have you structured/broken up your components/code?

The user can interact initially through the app bar which allows navigation between the different pages. The three pages they can navigate to are the “Home, “My list”, and “Popular Lists” pages. The home page displays basic information about the website and how to navigate and use it. My list page allows the user to create a list of individuals with custom attributes and an assigned colour which they can edit or delete at any time, and it will save even If they navigate to other pages. The popular lists page display cards for different lists that when clicked will change the cards displayed to display the information from the internal arrays as well as a back button to navigate back to the lists page/

What kind of react hooks have you used (eg/ state, context, effect, navigate)? How?

I used state, context, effect, navigate, Ref.

Have you created and used any custom hooks?

I created a custom hook for my context “useMyList”

What external tools/libraries have you used (eg. bootstrap/axios/MUI)? How? Why?

I used MUI libraries for my components throughout the project so that the end website would look nice with some components having smooth transitions and styling.

How might you extend the features of your application in future?

I would create a categorisation feature for create individuals and a sorting feature.