**Sprint Week Winter 2023**

**Sprint One**

Welcome everyone to the first sprint of Semester 2! This is going to be a React sprint1 that will mostly cover the basics of React discussed so far. For this sprint you will be in charge of creating the front-end component of a website.

There are two options for this sprint. You can choose either depending upon your groups’ understanding and discussions.

# Own idea:

If you have any project ideas you would like to give a try, you are welcome (and encouraged!) to give a proposal to Nicholas Hodder and implement that if approved. The basic requirements for the Sprint are as follows:

* The website **must** have **at least 3** separate pages/components including **App.js**. Since we have not directly covered linking between react pages/components, you can call other two components on the App.js (*obviously there are better ways to do that – but right now taking into consideration the level of discussion we’ve had so far*)
* Each page **must** implement styling using external CSS files for most part. You can apply some common styles in “index.css”. And if preferred, make your own external style sheet- import it and use it in any pages you like.
* It is **required** that your styling implements Flexbox and Media queries to make as much responsive as possible. [*test with different device options in inspector before submission*]
* The manipulation of the DOM with JavaScript is highly encouraged. Use your imagination and try to come up with some nice manipulations of html pages through JS function calls [This will be a good place to show your JS function skills]
* You **must** submit a Figma mock-up for your designs

Some key notes to keep in mind for this project is a good use of HTML5 semantic tags (Which is pivotal for accessibility purposes) [***do validate your html before submission – remember no RED elements in your HTML***], organization of your code (as it should be easy to tell what is where), and layout/colour choice of the pages (A pleasant design is an important aspect. A simple colour wheel or hex picker can be a powerful tool!).

# Default Project

A local restaurant owner, Gary Blue (*No relation to Mary Brown*), is looking to create a website for his establishment, Gary Blue’s Diner, to increase exposure. Gary however has no idea on how to make such a thing! So, after hearing of a talented up and coming front-end developer on the scene, Gary decides to contact you!

His **first** request for you is to create a **home page** for the website which should be welcoming and give quick info for the establishment like location, hours of operation, and a small summary. Some examples of extra content to add may be positive customer reviews/experiences or a small biography of the owner. On the homepage he wants links to pages for his menus.

Gary Blue is a big foodie and wants to show off what he serves to the world! He wants a **menu page** on the website for his selection. The menu items should include a title (like for example his signature Big Gary chicken sandwich) and when a menu item is clicked, it should expand to have a description for the meal. If you are up for it, you could search for and add some stock photos for the meals on the menu. A great resource for this would be <https://unsplash.com/>.

Looking to stay ahead of the game, Gary also wants you to implement an **ordering page** where the customer will select what they want, the quantity of said items, and enter their information to be submitted for Gary’s crew to get cooking!

Being a *much* better chef than he is a web developer, Gary has given you as much creative authority as possible! Use this experience to flex your creative muscles, as a nice-looking design can make a wonderful portfolio piece and help improve your skills for every new project you take on! Good luck to you all!

\*These are some Demo pics for a visual understanding of the project nothing technical, just to make sure the project makes sense\*

\*These are just for demo purposes; you are **not** required to imitate them exactly \*

Home Page:

Graphical user interface, text, application

Description automatically generated

Menu Page: A picture containing diagram

Description automatically generated

Order Online Page:

Graphical user interface

Description automatically generated