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WEB701

NMIT

Project Ongoing report

Nelson Food Tavern Website

## Milestone One

In this milestone we were to design a charity site of our choice, I chose to go with a food charity. Part of the requirements for the site was to use a token system which would perform two functions:

1. Act as an identifier for which order belongs to whom, and
2. Perform the role of a type of pseudo currency which beneficiaries of the site could use to buy items.

I could see that combining these two features into one piece of functionality could cause issues, therefore I talked with our tutor and decided to split them into the following:

1. Tokens, which would act as an identifier for which order belongs to whom, and
2. Vouchers, which would perform the role of a type of pseudo currency which beneficiaries of the site could use to buy items.

This way I believe I will avoid the issues that I could see happening as a result of the original method.

Part way through assignment 2 (during a discussion with classmates) I concluded that cart functionality was not necessary for the NFT website. Rather than having beneficiaries use a cart to build up an order, NFT would instead provide a variety of “food parcel” options. This way beneficiaries can still get the food they need while not needing a cart. This will reduce the scope of the project slightly and make the site easier (and faster) to build.

## Milestone Two

For our comparison of two web frameworks, I decided to choose MERN and MEAN, which meant that I was only really comparing React to Angular. I have had previous experience with React from last semester, so I already knew my way around the framework. Because of this I started with the development of the angular framework first and discovered that the learning curve was much steeper for Angular than it was for React.

In the end, I was unable to use Angular as I could not even retrieve data from a form. I switched back to React and made the most of the time I had left to build as much of the functionality as I could. When it came to writing the comparison I ended up doing more of a theoretical one since I was unable to use Angular myself, though I still tried to find out as much as I could to get as close to a practical understanding as I could.

## Milestone Three

For this milestone, I implemented some more functionality on my website that I had not yet managed to create and wrote my review on a piece of leading-edge technology, for which I chose quantum computing. I found reading about quantum computing very interesting and learnt some new things about quantum mechanics, such as quantum entanglement. Even though the use case for quantum computing is not closely aligned with web technology, I still believe that the impact of this technology on the web will be of significance.