CVWO Final Submission: A0258686H Jaime Ng Jia Min

This document contains the following:
1. Reflection on accomplishments and the assignment
2. A short user manual

1. Reflection

This assignment has been an exciting, fulfilling, and tough experience. As a newbie to both computing and web development, I came into the assignment knowing little about what made up a website, let alone how to make one. A few weeks before the assignment was released, I attempted a few online tutorials about React to prepare myself – and this proved useful (albeit not enough) to give me a foundation in where to start.

From fixing problems due to version compatibility to learning about the web development pathway, I've learnt not only valuable technical skills related to creating a server, model, frontend, even trying to create a server and client separately, I've tried many ways to understand what I can do to be a better software engineer.

Jumping into the assignment, I bit off a bit more than I could chew by trying to implement redux, typescript and account-based authentication to my project. This proved difficult to maintain through the web development processed as I lacked foundation in these areas to be flexible outside of online tutorials. Instead, I decided to pivot to create a website that was more manageable and tried my best to create something functional.

Although I'm disappointed that I didn't manage to implement the authentication and tagging system, I am glad to have gained the motivation to study these processes further.

I've managed to learn how to create my first website, debug using the console, and especially how to not give up. Although I was stuck on some parts for a long time, I managed to have a breakthrough closer to the deadline. This taught me to keep persevering and always be ready to face challenges, no matter what they may be.

2. User Manual

This website uses Ruby Version 3.1.3, Ruby on Rails Version 7.0.4.1 and React Version 18.2.0.

1. Clone the git-repository.
2. Move to the cloned source code.
3. To launch the website on a localhost, type "bin/dev".
4. Go to "localhost/3000".

Upon seeing the homepage, you may interact with the website as such.
1. Click to see posts.
2. Create a new post.
3. View and edit the post.
4. Comment on a post.
5. View and edit the comment.
6. Delete your post/Comment.