Guo Yulong CVWO Writeup

Reflections

Through this project I learnt the basics of React.js, Golang and also PostgreSQL. I created a to do list with CRUD operations with a simple and clean UI with the ability to keep track of tasks.

There were numerous hurdles along the way. Initially I wanted to implement an authentication system but found it to be more complex and intricate than I could handle in the time frame. I was also unable to complete the tagging and search function due to underestimating the time it would take.

I will continue to work on the features in the future to transform this project into what I envisioned it to be. I also had a great learning experience developing a slightly larger project, having only wrote programs that existed in a single file or function. This experience taught me how important it is to plan out the components beforehand and to integrate tools that can solve the problem that you face. It was also my first time working with React Golang and it was a valuable experience developing both the front end and back end from scratch.

User Manual

To insert a task, simply type it in the box and click enter, this creates the task
To check a task, click the check box
To delete a task, click the delete mark

Future Work

1. Authentication system (need knowledge of how databases store user information and authenticate users)
2. Search and tagging system
3. Deploy the application
4. Ability to set reminders for tasks (possibly email)