

CVWO Mid-assignment Submission

Basic Use Cases

As a Todo application, it needs to perform the basic CRUD operations. So far, I have done the creation and viewing of the tasks.

1. Creating a new task
2. Viewing all tasks
3. Updating each task
4. Deleting a task

Execution Plan

In addition, I plan to add the following features, with decreasing order of importance:

1. Switch to Typescript
2. Complete a task without deleting it
3. Add urgency rating
4. Adding subtasks which appear in the homepage
5. Add tagging system
6. Add search function
7. Add sorting
8. Add date functionality using calendars
9. Add ability to switch between card and list view
10. Add User account system
11. Deploy to Heroku

Problems

Having only worked on the front end of web development, working on the backend and integrating it with React was an eye-opening experience for me. As the backend was very new, I had to do lots of self-learning before attempting the task. Looking at multiple tutorials from various sources was essential to fully grasp React on Rails due to the concept of the backend being fairly challenging for me.

I am still currently facing some problems as I'm also using things that I've never used before like React, Hooks, styled components and React Router DOM. However, learning new technologies is unexpectedly fun and I am enjoying it.