

Summary after completing the assignment

As a first year student with barely any programming background, it was really challenging for me to build a complete website. However, I managed to do it after watching quite a number of youtube videos and reading tutorials online about react js, ruby on rails and hosting using Heroku. As the work progresses with more than 200 lines of code for one program, it becomes harder to debug and add new changes. Thus, each time I want to add new features such as sorting or searching, it takes me quite a while since I have to modify several programs.

In addition, I also created a user authentication component. The implementation of this takes me a lot of time as I have to create controllers and models for users and sessions of each user as well as integrate these into the todos component. But by doing this I now know more about CORS, CSRF and cookies.

The lesson I learnt from this experience is to thoroughly plan the website before attempting to build it. After successfully hosted the website and get it running properly, I felt really accomplished and looked forward to getting a place in CVWO.

User Manual

1. Sorting: 2 modes :
 - By Urgency Point
 - By Time Left
2. Searching: todos with matching tags will be rendered
3. Create a new todo:
 - Available Fields: Title, deadline, urgency point, tags, details.
4. Update todo:
 - Same Fields as creating a new todo.
5. Color Scheme:
 - Urgency point:
 - + ≥ 10 : Red
 - + < 10 and > 5 : Blue
 - + ≤ 5 : White
 - + Done: Green
6. Calendar: Provide users with an overview of their todo list.