

## **CVWO Final Submission Write-Up**

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### **Reflection**

Thinking back on these 2 months, I felt that I have learnt about so many things that I have pretty much taken for granted and personally I am pretty surprised that I managed to put something up and that I am writing this final write-up now.

This journey has been really interesting. I feel like growing up with Google by my side all the time, I haven't really thought much about what goes into making a web application or websites. I feel like I took many features for granted and didn't quite know all the effort that was put into making them.

Being a BA student and not really knowing much about programming and stuff, I felt that this learning curve was really steep for me. I felt that I lacked a lot of basic knowledge when I started off. When I first saw ruby on rails, I didn't know that ruby was a language, I didn't know that rails was a framework or what a framework was and I didn't even know what MVC was and this all seemed like voodoo magic. There were so many things more that I didn't know, and as I was reading through the guides, I was feeling really really confused.

I spent my whole December feeling this way and was trying to search for answers to make sense of this whole thing. After I submitted the mid-assignment submission and realised that I had to rewrite my views to integrate react into the application, I thought I wasn't going to submit this assignment, given that I still had so many things to learn and school was starting and I wasn't going to finish.

However, after I went to bed thinking about how screwed I was, I think my brain didn't want to give up and when I woke up the next morning it just dawned on me that I was asking all the wrong questions and what I needed was actually looking at more examples. Things really started picking up in January. I got more aware of what I don't know and I realised that I learn better with videos than with reading. I coded along with some youtube videos and learnt a lot along the way. I really want to thank God and the search engine and the people who put up the tutorials for showing me the right websites and videos that helped me a lot.

When I felt ready enough, I restarted on the project. I kind of regret that I started on the project rather late, almost about when school was starting. With the workload coming in, I thought that I wasn't going to finish again, but I decided that there was no point worrying and that this wasn't about the deadline but a learning process.

The process of creating the application was not easy. I met with many blank pages (especially with the modals) and errors along the way and I was really frustrated at first, but I grew more and more confident that whatever bug that came my way, I just had to be patient, think about it and research about it and it will be solved.

One part that I really enjoyed was styling the page. I feel more fulfilled after styling the page and seeing how the page has evolved from the browser default.

At the end of the day, I really wished that I could have done more features for the app, deployed it on Heroku, and perhaps try out redux or docker or typescript, but I really ran out of time with the school work piling up. I also just wanted to say thank you for extending the deadline.

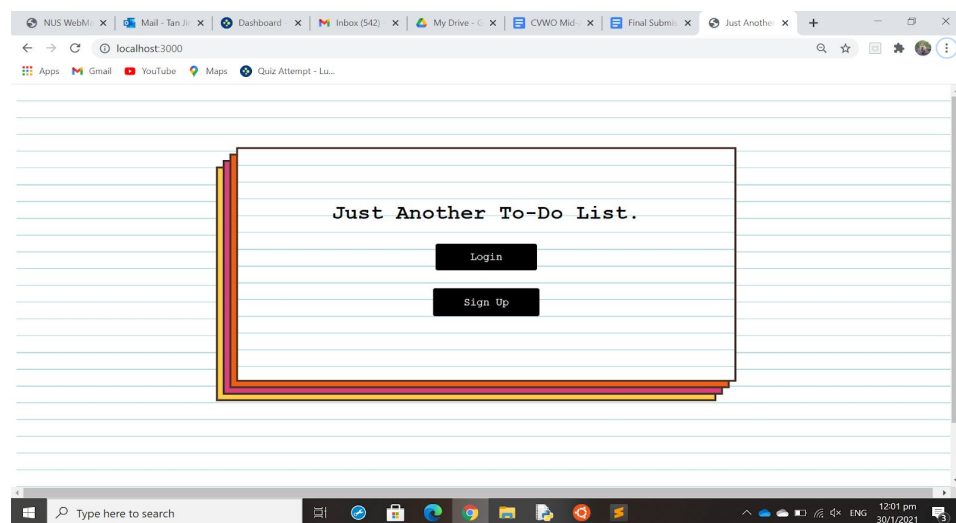
I kind of regret using styled components because I realised that I kept copying the code around and that I probably should have just created a css stylesheet instead. Now that I think of it, I probably should have stayed more true to the dry principle when I was doing up the login and sign up forms and the create and update forms.

I think my application is still not perfect and I haven't tested it extensively and I should probably work more on the error handling. Although it was hard, it has been a happy struggle and I am glad I did it. After this, I am considering integrating a planner with the to-do list or perhaps starting a new project in my free time!

## **User Manual**

### **Download**

1. Clone from GitHub
2. Run 'rails db:migrate'
3. Run 'rails s'
4. Go to <http://localhost:3000> and you should see this!

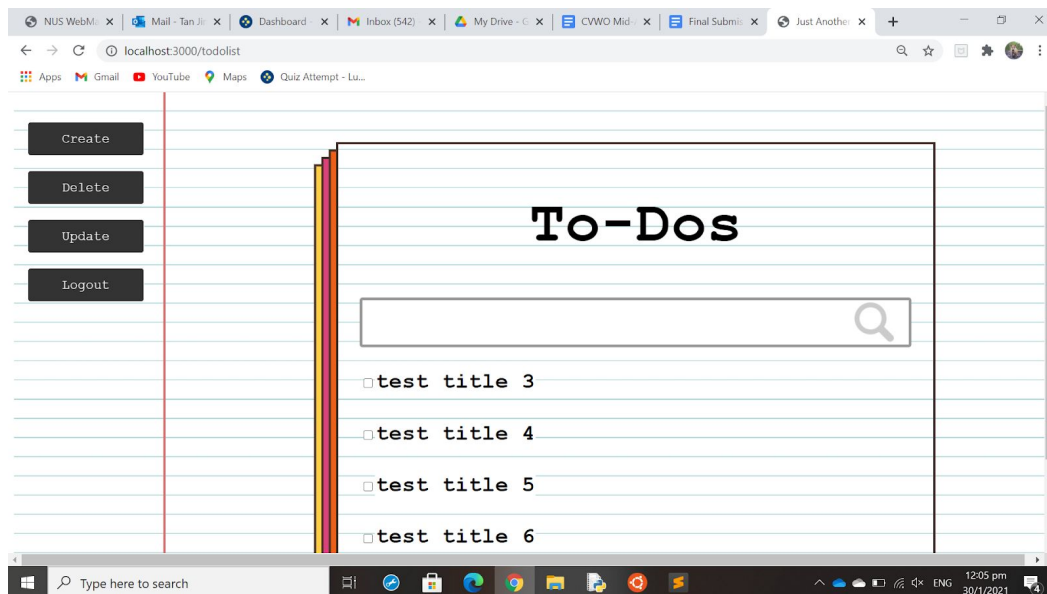


### **Sign up**

1. To create an account, click on the sign up button.
2. Enter in your username (it can be anything), password and retype your password to confirm it.
3. Click create and you will be redirected to your application page.

### **Login**

1. Click on the login button.
2. Enter in your username and password.
3. Hit Login and You will be redirected to your home page.



## How to navigate the to-do list

### Create Task

1. Click on create.
2. You will be prompted by a modal to fill in the details of the task. You have to include the title for the task. The description, category and due date are optional.

### Update Task

1. Click on update.
2. The update buttons will appear beside the tasks. Click on the task you want to update.
3. You will be prompted by a modal to update the task.

### Delete Task

1. Click delete.
2. The delete buttons will appear beside the tasks.
3. Click on the delete button to delete the task.

### Read Task

1. Click on the task to view it.

### Search Task

1. Search for a task by typing in any keywords in the title or description, category or due date.
2. Click on the task or hit enter on it to view the task and its options.

### Logout

1. Click on the logout button to log out.