CVWO Final Writeup

Accomplishments

Todo list link : [Alissa's Todolist](#)

Through the December holiday, I've spent my time learning the basics of Ruby and Ruby on Rails--both of which are new to me. This todo list has all the functionality that is specified in the CVWO assignment.pdf, as well as some of the optional requirements such as Docker, Hosting, Typescript and RESTful APIs.

In this web application, I've decided on a one-to-many relationship model for the database instead of the many-to-many relationship as I feel like a todo-list usually only have one category most of the time and a todo list with many categories would, in reality, serves little purpose besides it having an additional feature.

Coming from a Javascript background, Typescript typing errors come as a surprise to me. I was not used to the strict typing of Typescript and came to numerous typing errors throughout the development of the front end which is one of the biggest challenges I faced for this assignment. However, I learned a lot since then and I now understand how to use Typescript better.

Moreover, I learned how to be an independent learner as most of the things we need to do are something that is not taught in class. I also learn how to debug a web application through this project.

Additionally, one of the optional components of the todo list is to make a cron job. While I have made one that works in local development, pushing it to heroku creates problems, therefore, I have decided to remove the cron job.

Areas to be improved

The functionality of my todo is quite basic <u>without</u> any additional features such as :

- Login capabilities
- Setting Deadline /Reminders
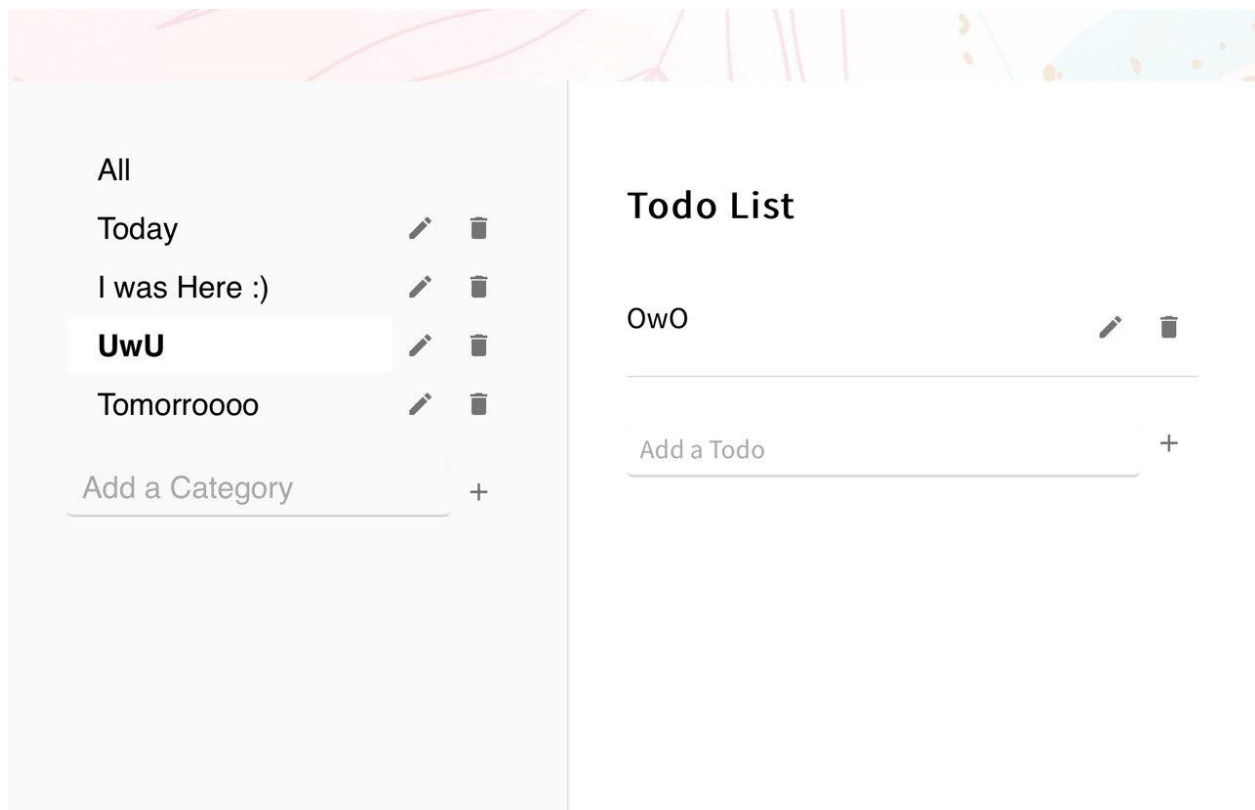- More than one category per todo

These additional features can be implemented in the future to improve my todo list.

User Manual

I hope that I have designed my todo list as intuitive as possible, but here's a user manual :

1. When you go to the Todo list, by default you will see all the Todos (in all categories). However you won't be able to add a new Todo list in the 'All' tab. You need to choose (or make a new category, then choose it) a category and add a Todo there instead.
2. Clicking on the category will filter the Todo list according to the category
3. Clicking on the pencil button will allow the user to edit the Todo list and clicking the check button afterwards will finalise the changes.
4. Clicking on the trash button next to a todo / category will allow the user to delete the corresponding todo / category.

Clean screenshot of the todo list :

Annotated screenshot of the todo list:

The categories list

The todo list

All

Click here to edit 'Today' category

Today

Click here to delete 'Today' category

I was Here :)

UwU

Tomorroooo

↳ *click here to filter the todo list by 'Tomorroooo' category*

Add a Category   +

↳ *start typing here to add a category and click on the '+' button to add a 'new' category.*

Todo List

Click here to edit Lmao

Click here to delete Lmao

Lmao

Alissa was here :)

I'm trying

Issa pattan :O

OwO