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Github Repo (backend): <https://github.com/misterpuffin/cvwo-backend>

Girhub Repo (frontend): <https://github.com/misterpuffin/cvwo-frontend>

Accomplishments:

I am quite happy with how my app turned out, although I know that there are many rooms for improvements and updates, but I felt that I was able to pick up and learn new things within the time constraints. Initially, I set out for myself the goal to organise my code as neatly as I could, and to have sufficient layers of abstractions so that it was easy to debug and know which part of the code is not working. Through this project, I had a better appreciation for the need for organised code. I was thankful that towards the end, I found it very easy to add new features without changing too much of other sections of code. For example, I had forgotten to include a “check box” function for to-dos and realised towards the end. Thankful, the redux actions that I have already written allowed me to just add another action easily.

User Manual:

This app was written with Golang backend REST API and is accessible through a React App. The backend is hosted on Heroku and frontend is hosted on Netlify. ([Link here](#))

Register new users:

Initially, the user should see a login page. For new users, you may change to the “Register” tab to create a new account. There are 3 non-empty fields required, name, email and password. Please enter valid emails, the server will prompt you if the email is already in use.

Upon successful registration, there will be a message indicating so. The user may then proceed to Login.

Login:

Enter the email and password used to register. The server will prompt if an incorrect password is used.

Logout:

Upon logging in, there will be a header at the top-right hand corner indicating your name. There is a “Logout” button next to it. You may click it to immediate redirect you to the login page and successfully log the user out.

Adding Tasks:

The task page should display a list of tasks if the user has created any task. If not, there should be a create task form at the bottom of the task list. Enter the task name in the respective input. If you wish to add tags to easier categorise your task, click on the “Add Tags” button. A text input will appear. Enter the name of your tags in the text input, and press “Enter”. You should see a new tag appear in the form. Enter as many tags as you wish. If you wish to delete the tags, simply press “Backspace” or “Delete”. When satisfied, press “Add Task” button on the right to save the task.

Checking off, editing and deleting tasks:

When a task is successfully accomplished, check the checkbox on the left to strike off the task. The finished tasks will be shifted to the bottom. To edit previously created tasks, click on the grey pen icon on the right. A similar task form should appear, allowing you to change the name and tags of the task. Click save task after you are done. You may also choose to delete tasks, by clicking on the red trash can.

Searching functions

The search bar at the top allows you to search for tasks by name or by tags. You may enter any search string that matches the name or the tags of a task. For example, if you wish to search for all tasks with the tag “daily”, you may just enter “daily” into the search bar. The task list will automatically update to only feature the tasks that match the search string.