

## CVWO Mid-Assignment Report

A0217471H

Elton Goh Jun Hao

### Basic Use Cases

The use case will be that each user is able to create an account login. And each user can perform CRUD (Create, Read, Update, Delete) operations on their own todo-list. Authentication will be done using token authentication. There will also be a tagging system where use can tag their tasks so that they will be able to locate them easily.

### Current Progress

Authentication System is done using gem Devise Token Auth. User can login and signup. I have yet to create the page for users to sign up. But the backend for signing up is done. The login page is done.

Todo-list. Currently users can create tasks, but I have yet to limit the records. So, the task page shows all the database record and not just their own created records. (Read and Create done basically). Update and destroy is not yet implemented.

### Goals

- Todo-list in a calendar view where users can see the starting date and deadline of each task
- Tagging also not yet implemented
- Searching based on dates and name
- Sorting based on name, deadline etc
- Hosting on Heroku
- Implementing cron
- Make everything look nicer in general

### Problems Faced

It is still a bit buggy sometimes you need to reauthenticate out of the blue. I am still working of update operation such that user can edit straight from the table easily. Security aspect is challenging, right now users can send post, delete... json request to access other users' records.