

CVWO Mid-Assignment Report

Basic Use Cases:

1. Todo functionality
 - a. Adding new todo items
 - b. Editing existing todo items
 - c. Deleting todo items
 - d. Adding deadlines to todo items
2. Tagging and sorting functionality
 - a. Add tags to todo items
 - b. Search todo items using tags
 - c. Sort todo items by deadline
3. User Accounts
 - a. Creation of new accounts
 - b. Login and logout functionality
 - c. Validation of username and password

Execution Plan:

1. Adding, editing and deleting of todo items
2. Filtering of todo items based on whether they are complete
3. Login functionality
4. Tagging functionality
5. Search functionality
6. Sorting by deadline
7. Adding TypeScript
8. Styling of the application using CSS
9. Hosting on Heroku

Problems Faced:

Majority of the problems were faced during the installation process. Although I followed the tutorials step by step, I encountered several errors along the way. Prior to this, I had never used the command line to install and set up software and therefore I was initially unable to understand what some of the errors meant and how to go about solving them. However, after researching online I was able to debug and successfully install Rails and PostgreSQL.