





# CVWO Final Writeup - User Guide



## Main page

**DO IT** testuser

Projects [+ Add Project](#)

Project two  

Project one!!  

Project three  

Tasks [+ Add Task](#)  [Search](#) [Show All](#)

Low

☐ Hello another task

🕒 10 January 2022

[View](#) [Edit](#) [Delete](#)

High

☐ P2 Task

🕒 04 January 2022

[View](#) [Edit](#) [Delete](#)

Medium

☐ bla

🕒 04 January 2022

[View](#) [Edit](#) [Delete](#)

Annotations:

- go to add project form (points to + Add Project)
- go to add task form (points to + Add Task)
- write part of title of task within the current project and press search (points to Search input)
- Show all tasks in current project (points to Show All)
- go to edit project form (points to edit icon for Project three)
- delete project (points to delete icon for Project three)
- Click to toggle done status (points to checkbox for P2 Task)
- view/edit for the task (points to Edit button for Medium task)
- delete task (points to Delete button for Medium task)

## Form (Add Task is similar)

**DO IT** testuser

[← go back to home page](#)

### Add Project

Name:

[Add Project](#)

## CVWO Final Writeup - Reflection

### Overall

This winter break was a very productive one. I feel like I have learned a lot in this short month. Before the break, I was wondering if I could even finish it since I had little experience with both React and Rails. It is also quite big for me as I am used to only small python scripts and static websites. Hence, I am very proud that my task management application is functional!

### What I learned along the way (Technology Specific) + Resources used

#### **Git**

This is probably the most helpful skill I learned from this assignment. Before this, I used to be very confused by git and only knew how to `git commit` and if I make a mistake... `rm -rf .git` For this assignment, I finally learned how to use it in a way that actually makes sense with the workflow TOP introduced [here](#). I now know how to use branches and finally got to see merge conflicts (somehow) and realize they aren't as scary as I thought they would be. This skill would definitely be helpful even if I don't use any of those below. (There is also a branch for my unfinished authentication since I ran out of time)

#### **HTML & CSS**

I didn't use bootstrap in the end and used flexbox everywhere to make my application. (There is a whole section on [flexbox](#) in the Foundations Path!) The Heroku version and what I see when hosting it locally looks different somehow. I still don't know why but it's only slightly worse so I guess it's okay for now. (If you see some !important it is me overwriting the default - no idea where to find it)

#### **Ruby on Rails**

Initially, I thought I would struggle with this a lot due to the size of what rails new generates, but now I like how convenient `rails g` is! I have grown from wondering why Ruby syntax is so different (WHERE ARE ALL THE BRACKETS) to thinking Active Record is really cool! I liked how associations are very convenient to use (no more writing join statements YAY). I now feel very familiar with the basics of rails (like generating migrations, adding columns... linking it together) since I spent most of my time on the ruby and rails section of TOP and ~~almost ran out of time for React~~ so I have a feel of how the steps in Rails work together! Learning Rails is my favorite part of this assignment.

## **Javascript & React**

I think I struggled most with this - I found it most unintuitive due to taking a while to understand that React components do not wait for data to be loaded before rendering so it seemed a little wonky when things don't render like I imagine they would. I did learn a lot of interesting things from the TOP javascript section - I finally know why `setTimeout(func, 0)` isn't useless. (event loop thing) It was satisfying when I saw how it can work with axios to fetch data from Rails.

## **Heroku**

This was a lot easier than expected. I expected to fail horribly but in the end it didn't even require a Procfile.

### Problems and things to be improved

- Haven't finished authentication yet... ran out of time
  - Only started on making pages and routes on the user branch
  -
- I know my design isn't responsive
  - Maybe I should have learnt bootstrap