

CVWO To-Do List App

Basic Use Cases & Functions App Should Have:

- Keeping Track of current tasks & their deadlines
- Basic Sorting (what type of task is it? What kind of personnel should attend to it etc)
- Task history (when completed & by whom)
- Misc information tagged to specific tasks (eg: cost of upgrading work or database of people who participated in an activity etc)
- Ability to track edits (who marked this task as complete? And when?)
- Pop-ups to remind users of approaching deadlines
- Colour coding of tasks (by task type / deadline, etc)
- Basic Permissions database (eg: tasks marked complete must be approved by superiors)

Execution Plan:

I have recently completed an online course on HTML/CSS and I plan on learning Ruby through a course on Udemy and adding on to my current progress as I learn. I also plan on familiarizing myself with GitHub and Git so I can start version control early and document my progress. I plan on completing my course and having basic level code by the 1st week of Jan. By 2nd week of Jan I should have a functioning app. I will leave the 3rd week of Jan for debugging and enhancing user-friendliness.

Problems:

- I am new to programming, and must independently learn a new language (Ruby)
- I am new to object-oriented programming (OOP), and more familiar with Functional Programming (FP) which was taught in CS1101S
- I am installing Ruby and Rails on an Ubuntu VM as it (allegedly) runs more smoothly. I am unfamiliar with VMs and Linux systems in general.