

Write-up of Rails To Do App

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Introduction

This is my first time creating a web app. It was challenging for sure, but I have picked up some skills that may be vital to CVWO and future endeavours.

Accomplishments

I followed an [online tutorial](#) to create the basic structure of a todo list. However, feeling it is still inadequate, I expanded on the tutorial to include more possible use cases.

The tutorial covered:

- Basic Skeleton
- Creating todo lists populated with todo items
- Basic use cases (such as creating items, deleting items)
- Ability to mark todo items as completed
- Basic CSS

I expanded from the tutorial to include:

- Ability to mark todo items as uncompleted
- Ability to delete todo lists when populated with todo items (previously not possible)
- Added Due Date field
- Highlight todo items when they are either completed, overdue or due soon
- Redo the CSS

What I learnt

- Ruby, of course! The syntax was very new to me, but it seems relatively straightforward to use, and feels similar to Python.
- The Rails framework would be something I would need to get used to if future projects rely on it.
- Git is also relatively new to me. It is not trivial to use, but it is very important to understand the git workflow especially when working in a team.

What next?

There are many more features that I am considering. These include:

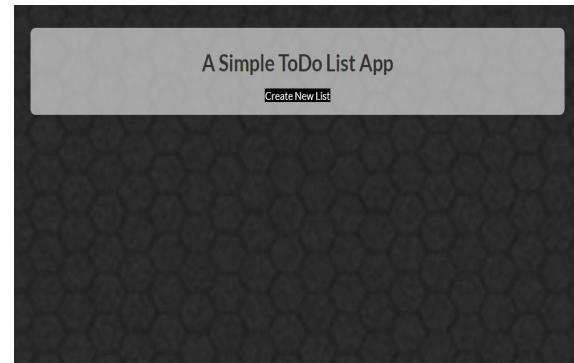
- Automatically sorting todo items by due date
- Feature to delete all “completed” todo items
- Private todo lists for users...

Conclusion

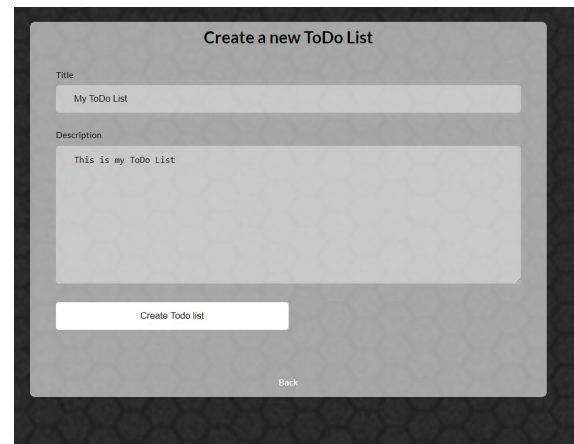
I feel that there is still much more to learn in web development that I may be able to pick up in CVWO. I hope that there will be more opportunities for me to expand myself in web development and software engineering. I also hope that I can contribute to projects that will be deployed and used by organizations, and earn some valuable experience.

User Manual

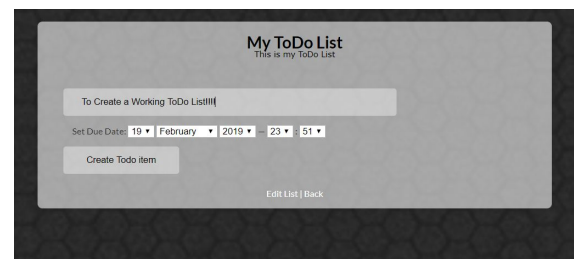
1. Welcome to my ToDo App! Just click on “Create New List” to start making your ToDo List!



2. Give your ToDo List a title and a short description!



3. Now you can start recording things to do and their due dates and time!



4. And that's it! You can add more things to do, mark them as complete, and delete them!

