FINAL-ASSIGNMENT WRITEUP

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Accomplishments

1. Created my first Ruby on Rails app

   As this is my first experience with Ruby on Rails, I found it to be very convenient to have both front and backend in the same place. However, at the start, I was hindered by my lack of knowledge of Ruby so I started with a basic understanding of Ruby syntax and use cases. Thereafter, I focused on practicing with Rails framework and creating several prototypes before I attempted to start the actual application.

2. Met both requirements

   Setting up the Rails framework had already provided the necessary infrastructure for CRUD operations so I only had to make a few edits to the code to complete the first task. As for the tagging system, I chose to use a gem called acts_as_taggable_on because it provided me with what I needed.

However, the final product is still far from what I had expected to build. Originally, I had wanted to implement a task management app that supported multiple users and collaboration between them. Also, I did not manage to implement some features as stated in my mid-assignment writeup. All in all, I am still glad that I had chosen to do this assignment as I have learnt a lot regarding Ruby on Rails.

User Manual

Create a New Task:

1. Select 'New Task'
2. Enter relevant information such as 'title', 'deadline', 'tags'. (You can open the date picker by clicking on the down arrow when hovering over. Also, refer to 'Add a Tag to a Task' for input style for tags)
3. Select 'Create Task'

Show an Existing Task:

1. Select any task and you'll be redirected

Edit an Existing Task:

1. Select any task and choose to edit
2. Edit relevant information and update

Delete an Existing Task:

1. On the main page, select the 'trash' icon on the right of the task
2. You'll be prompted with 'Are you sure?' and choose 'yes'.
3. Task is deleted.

Complete an existing Task:

1. On the main page, select the 'tick' icon on the right of the task.
2. Task is marked as complete by a strikethrough effect.

Add a Tag to a Task:

1. If you have a new tag to add to an existing task, you can edit the task and add more tags to it.
2. Input style for tags is as follows: tag1, tag2, tag3 (delimited by commas)

Sort Tasks by Tags:

1. On the main page, click on any tag.
2. You'll be redirected to a page showing all tasks that contain this tag.