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CVWO Final Assignment Writeup

README.md:
https://github.com/PeppaPigHS/cvwo-assignment-2022/blob/master/README.md

Source Code:
https://github.com/PeppaPigHS/cvwo-assignment-2022

Heroku Link:
https://task-peppapighs.herokuapp.com/

Reflections

It was a fun experience. Since I have prior experiences in the frontend part, especially React and Tailwind CSS, I focused on learning Ruby on Rails, how frontend interacts with backend and database while doing this assignment. This assignment allows me to understand the whole process of building a web application.

For example, the concept of MVC and RESTful APIs are both new to me since I have been using Firebase Cloud Function and Firebase Store to handle the backend part without even knowing the process behind the scene. After doing the assignment, I came to understand these concepts which broaden my skills in app development.

Overall, I feel very proud to achieve the final product and I hope I can gain even more experiences from working with other skillful people in CVWO.

User Manual
1. Navigating The App
    a. Navigation Bar
       The navigation bar contains links such as Sign up, Sign in, or Sign out, depending on whether you are signed in or not.
    b. Home Page
        i. If not signed in, you should see a welcome message with links where you can sign in or sign up.
        ii. Otherwise, the home page will show the table containing your tasks and search menu.
2. Getting Started
    a. New Users
        i. Sign up for a new account here: https://task-peppapighs.herokuapp.com/signup
        ii. Fill in **username**, **password**, and **password confirmation**. Your username must be unique and **please remember your username and password as there is no way to recover them**.

      b. Existing Users
- i. Head over to the sign-in page here:
  https://task-peppapighs.herokuapp.com/signin
- ii. Once signed in, the app will automatically redirect you to the home page.

3. Managing Tasks
  a. Adding New Task
    - i. Click "Add Task" (or the button with "+" sign for mobile user) at the bottom right corner of the screen or head over to this link:
      https://task-peppapighs.herokuapp.com/new
    - ii. Fill in the task details until satisfied.
    - iii. You may choose to save, or cancel.
    - iv. If you choose to save, the app will redirect you to the home page with your new task in the table.

4. Viewing, Editing, and Deleting Task
  a. Click on the task you want to view, edit, or delete. The app will redirect you to the edit page containing the selected task's details.
  b. Edit the details until satisfied.
  c. You may choose to save, cancel, or delete the task at the end of the page.
  d. If you choose to delete the task, a confirmation will pop up. You may choose to cancel the deletion or proceed.

5. Searching Tasks
  a. Click on the search menu at the top of the task table in the home page.
  b. The form will pop up where you can optionally provide filters including title keywords, description keywords, status, and tags.
  c. You may choose to search the tasks according to the provided filters, or reset the filters.