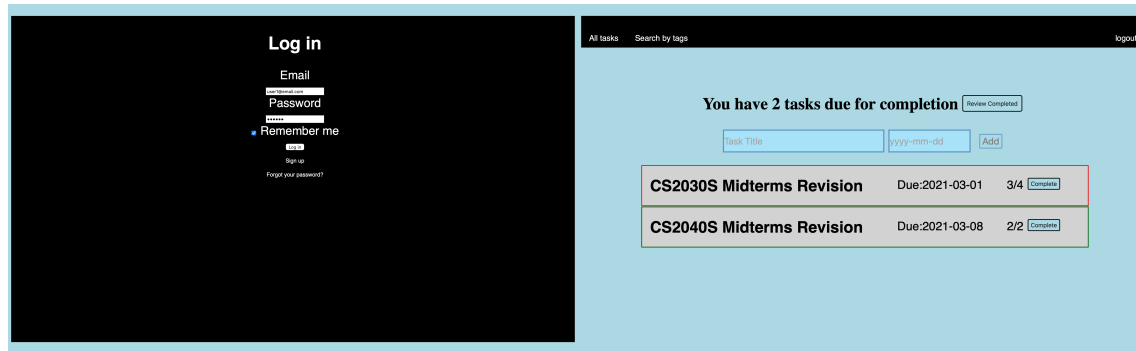


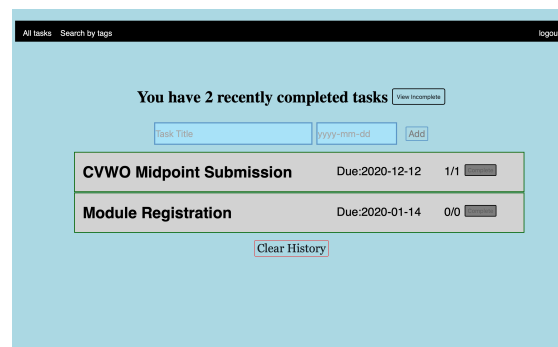
Justin Hoe Jia Jie
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CVWO Final submission

User Guide



Basics:

The user has to create and log in to an account to access the app. Upon signing in, the user can create a task by specifying the title and deadline. A task card would be created specifying the task title, deadline and number of incomplete subtasks.



Completing task:

Tasks can be completed if there are all subtasks are completed. This can be identified with a green outline around the task card. Once a task is completed, it **cannot** be set to incomplete. The user can choose to revisit completed tasks by clicking "review completed". When reviewing completed tasks, a "clear history" button will surface and delete all completed tasks if clicked on.

All tasks
Search by tags
logout

CS2030S Midterms Revision

Additional details about the task to help aid its completion

Deadline: 2021-03-01

CS2030S
Revision
Midterms

To dos:

x	Chapter 1	✓
x	Chapter 2	✓
x	Chapter 3	✓
x	Chapter 4	□

Delete Task

Specify Tasks Here

Change Task Title
Task Details

yyyy-mm-dd
Make Changes

Breakdown Task:
Add subtask
Add

ADD TAGS

Pick from existing tags or [Create Tag](#) + to track your tasks

CS2030S
CS2040S
Revision
Midterms
Health
Social
Recreational
Math

Enhanced features:

Should the user desires to add more details, clicking on the task card will render a new page to enable the user to perform the following actions:

- Add or Modify task title/due date/ description
- Delete Task
- Create and add subtasks
- Delete or Mark subtask as complete
- Create new tags
- Tags task with existing tags
- Untag tags from task

All tasks
Search by tags
logout

CS2030S
CS2040S
Health
Math
Midterms
Recreational
Revision
Social

You have 3 tasks under Revision

Remove Revision tag from all tasks

CS2030S Midterms Revision	Due:2021-03-01	3/4	Complete
CS2040S Midterms Revision	Due:2021-03-08	2/2	Complete
CVWO Midpoint Submission	Due:2020-12-12	1/1	Complete

Searching:

Click on search by tags in the header to expose all available tags. Tags are sorted alphabetically for easy referencing. Clicking on a tag would expose all tasks associated with said tag. The user has the option to remove tag from all tasks else if only for one task, the user can click on the task to render the edit page and remove tag association from there.

Reflections

This experience was a good first exposure to app development. While I learnt a lot thorough the process, the app it-self is far from what I would classify as an accomplishment. With regards to styling, my initial attempts to utilize ready-made solutions such as bootstrap gems for ruby were unsuccessful as I failed to successfully install the packages to the project. As a result, I used styled components and hoped it would give me additional insights to CSS styling concepts unlike when applying ready-made styles. While I learnt how parent child components interact, inheritance and using inspect element function for debugging, I believe had I pushed on for a solution to install either material UI or Bootstrap by seeking help rather than fall back on styled components, the app interface would be a lot more user friendly and code would be a lot cleaner. Things I would classify as accomplishment are the ability to perform standard data processing techniques with filter, map, dealing with objects, react states, debugging errors using console and stack overflow, understanding rails MVC and associations. These accomplishments were made possible because the internet is filled with resources and solutions there by providing limitless learning opportunities. One constraint, however, is the inability to identify best practices. Although good habits and best practices might develop with experience, there exist a risk of accumulating bad habits if I were to learn independently from uncontrolled sources on the internet. I hope to be able to pick up best practices in software development and trust that this is attainable through direct supervision of an experienced mentor/peers with an internship and hence my desire to participate in CVWO.

Skills acquired:

- Rails MVC
- React use state use effect
- CSS
- Styled components

Tasks failed to accomplish:

- Implement global styles
- Styled checkbox in subtask
- Rails independent front-end sign in/out field
- Dropdown bar with filter by options
- Date selector input
- Better styling and user friendliness
- Alert/warnings popups
- Hosting on server