

Write-up on CVWO Assignment (Final Submission)

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1. Accomplishments

As someone completely new to web development, I had a hard time getting myself familiarized with various tools needed to complete this assignment. As compared to mid-assignment submission, I have made great progress - revamped the UI, achieved many functionalities, and finally deployed my app Workaholic on Heroku.

2. Functionalities

1. CRUD operations of users
2. Login/logout to sessions
3. CRUD operations of tasks
4. CRUD operations of remarks for each task
5. CRUD operations of categories
6. Tagging of tasks using various categories
7. Searching of tasks via category/title
8. Searching of categories via name

3. User manual

1. Users

Users are required to sign up and log in, in order to use Workaholic.

1.1 Sign-up

Sign up by providing user name, email address and password.

1.2 Login/logout

Log in by providing valid email address and password to access the saved tasks.

Log out by clicking the 'Logout' button from the dropdown button on the top right-hand corner.

1.3 User profile

Manage user name and password by clicking the 'Profile' button from the dropdown button on the top right-hand corner.

2. Tasks

The default view after login should be the task view. Click on the green button on the left-hand side to switch between the task view and category view. The following will assume that you are already on the task view.

2.1 Create new task

Click on the blue 'New Task' button on the left-hand side to create new task.

2.2 View task

Click on the 'View' button on the right-hand side of each row in the task list to view saved task.

2.3 Edit task

Click on the 'Edit' button from the dropdown button under the 'Modify' tab in each row in the task list to edit saved task.

2.4 Delete task

Click on the 'Delete' button from the dropdown button under the 'Modify' tab in each row in the task list to delete completed task.

2.5 List task

Click on the 'My Workaholic' tab on the top left-hand corner to view task list.

2.6 Search task

Enter keyword into the search bar and click the 'Go' button at its right-hand side.

3. Categories

Click on the green button on the left-hand side to switch between the task view and category view. The following will assume that you are already on the category view.

3.1 Create new category

Click on the blue 'New Category' button on the left-hand side to create new category.

3.2 View category

Click on the 'View' button on the right-hand side of each row in the category list to view saved category.

3.3 Edit category

Click on the 'Edit' button from the dropdown button under the 'Modify' tab in each row in the category list to edit saved category.

3.4 Delete category

Click on the 'Delete' button from the dropdown button under the 'Modify' tab in each row in the category list to delete unwanted category.

3.5 List category

Click on the 'My Workaholic' tab on the top left-hand corner to view category list.

3.6 Search category

Enter keyword into the search bar and click the 'Go' button at its right-hand side.

4. Remarks for each task

Remarks are shown below the task details when viewing saved tasks.

4.1 Create new remark

Enter in the text field under 'Add Remark' and click the 'Submit' button to create new task.

4.2 View remark

Remarks are automatically shown under 'Remark' when viewing saved tasks.

4.3 Edit remark

Remarks are not allowed to be edited.

4.4 Delete remark

Click the 'Delete Remark' button to delete unwanted remark.

4. Future Improvements

1. Fixing bugs on Heroku

I had a hard time deploying my app on Heroku after I finalized my development version. After changing SQLite3 to PostgreSQL and fixing many gem dependencies, I finally succeeded. However, there are still some bugs. For example, Font Awesome and flash message did not work properly when deployed on Heroku. I could not fix them due to time constraints. I will look into them in future.

2. Implementing more functionalities

Examples of added functionalities can include verification of user emails, logging of completed tasks as achievements, shared task between multiple users etc.