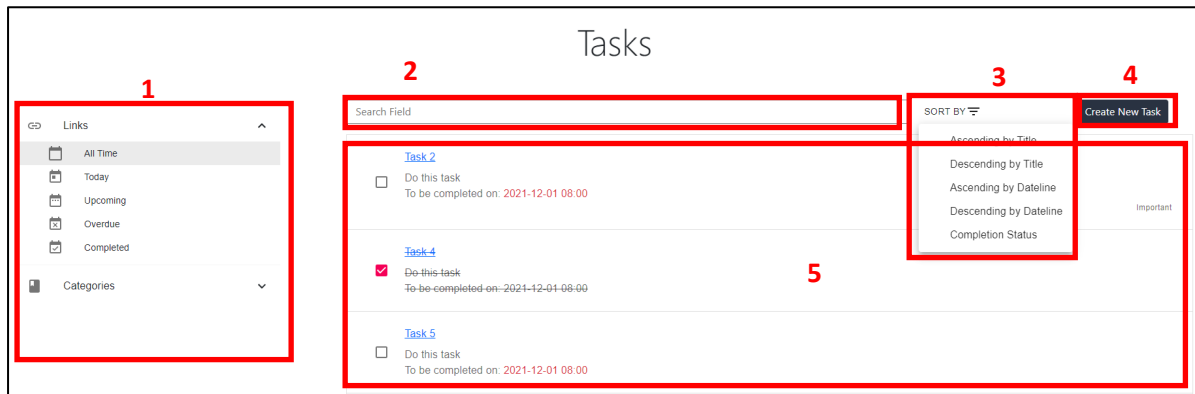Accomplishments and Thoughts

I feel slightly relieved that I was able to understand how React and Ruby on Rails works and am able to build a basic task management application through various debugging and researching online.

However, I also felt slightly overwhelmed with all of the various methods to construct the website and how complex the construction of a well functional website is such that is user friendly.

<u>User Manual</u>

Home Page

Elements of the Home Page

1. Sidebar – Links, Categories
    a. Links Tab
        Users can click onto each respective links to get a filter on respective tasks
        – All Time (Default)
          The default filtering that shows all of the tasks that the user has created, with the completed ones at the bottom of the page
        – Today
          Filters and shows all tasks that are due on the day itself
        – Upcoming
          Filters and shows all tasks that are due after the day itself
        – Overdue
          Filters and shows all tasks that were due before the day itself
        – Completed
          Filters and shows all tasks that are completed
    b. Categories Tab
        Shows all of the categories that the users have set for all tasks. Upon clicking on one of them, it will filter out to tasks of that category only
2. Search Bar
    Filters tasks based on what is typed in the search bar based on its name and description
3. Sorting
    Users can click of any of the options from the dropdown menu to sort the tasks (Labels are self-explanatory)
4. Task Creation Button
    Users can click to be redirected to a task creation page
5. Task Preview
    Shows all tasks. There is a checkbox for each task that the user can check/uncheck to set whether they have completed the task. From top to bottom beside the checkbox, it shows the task name, task description, task dateline and task category.

Task Creation/Editing Page

Add a new task

Task Name:
[   ] **1**

Task Description:
[   ] **2**

Date:
[dd/mm/yyyy --:-- --] **3**

Category:
[   ] **4**

[Create Task] [Cancel]
6   **7**

Edit task

Task Name:
[Task 2] **1**

Task Description:
[Do this task] **2**

Date:
[01/12/2021 08:00 am] **3**

Category:
[Important] **4**

Completed: ☐ **5**

[Update Task] [Cancel]
6   **7**

Elements of Task Creation and Editing Page

1. Task Name
2. Task Description
3. Dateline
   Users can type in the date and time by keying it in or clicking the calendar button that has a calendar view to easily select time and date
4. Task Category
5. Completion Status
6. Submission Button (Create/Edit)
7. Cancel Button

Task Specifics Page

Task 2 **1**

Due Date (24 Hrs) **2**
01-Dec-2021 08:00

Category **3**
Important

Completion Status **4**
Not Completed

Description
Do this task   **5**

6 [Edit Task]

7 [Delete Task]

[Back to Tasks] **8**

Elements of Task Specifics Page

1. Task Name
2. Task Dateline (24 Hrs Format)
3. Task Category
4. Task Completion Status
5. Task Description
6. Task Editing Button
7. Task Deletion Button
   A prompt will be given once clicked to confirm task deletion
8. Return Back to Home Page