

Some thoughts about the accomplishments:

This task list project has really helped me to learn a lot in terms of both the hard skills and soft skills.

During the project implementation, I not only needed to take the initiative to learn Ruby on Rails and React, but also had to apply the knowledge in practice without much external guidance. Naturally, there were unexpected problems emerging from time to time when implementing the project, which required further searching for solutions on sites such as Stack Overflow. Although this process is not necessarily pleasant, it is beneficial.

Firstly, implementing the project enables me to learn the basic tools and concepts in web development in both the front end and back end. Secondly, it provides me with a opportunity to do self-guided studying, which to some degree is even more important in the long run.

Even though my task list application has a lot of limitations, I think it is a good starting point for me in web development, and it makes me more perpared for the working world.

Application user manual:

Click ENTER THE TASK LIST to enter the task list main page

Welcome

Click to enter the task list

ENTER THE TASK LIST

Basic functionalities on the main page:

The screenshot shows a web interface for task management. On the left, there are filters for 'Task type' (a dropdown menu set to 'All') and 'Task title' (a text input field with the placeholder 'Enter the title' and a 'SEARCH' button). On the right, there is a section titled 'Current tasks' with an 'ADD A NEW TASK' button. Below this, two tasks are listed: 'Hello' and 'asdadsa'. Each task has an 'EDIT' button and a 'DELETE' button. A 'GO BACK' button is located below the task list.

1. Click ADD A NEW TASK to create a new task
2. Click on the title of an existing task to view the information of the task
3. Click EDIT to edit an existing task
4. Click DELETE to delete an existing task
5. To search for certain tasks, enter the task type and the task title, and click SEARCH. The result will show the tasks with the corresponding task type and the title containing the title keyword as a substring.

Basic functionalities on the create or edit page:

The screenshot shows a form for creating or editing a task. It consists of four stacked input fields, each with a label, a placeholder, and a value. The fields are: 'Title' (placeholder 'Enter the title *', value 'Hello'), 'Description' (placeholder 'Enter the description *', value 'sadaassds'), 'Time' (placeholder 'Enter: mm/dd/yyyy *', value '12/12/2024'), and 'Location' (placeholder 'Enter the location *', value 'adasadas'). At the bottom of the form is a 'CREATE OR EDIT' button.

1. Enter or edit the content in any of the field and click CREATE OR EDIT to create or edit the task.

Basic functionalities on the view page:

Existing categories

- School
- Work
- CCA

Add a category

Task type

Title:

Hello

Description:

sadadassds

Time:

12/12/2024

Location:

adasdadas

1. Click Delete beside the category label to delete the category for the task
2. Select a category option from the task type drop down menu and click ADD to add a category to the task.

Link to heroku deployment site:

<https://murmuring-gorge-57557.herokuapp.com/>

Note that the user interface may look different from the user interface shown above because the interface components are rendered differently when the application is hosted on heroku instead of the local host. This is a problem to which I am still searching for a solution.