

## **Intro**

Having done some basic web development before, I am roughly familiar with the MVC architectural style. However, I have never fully used javascript, react or rails before, so it's still quite new to me.

## **Aim**

I aim to be able to just create a simple task manager and style it using bootstrap.

## **Problems**

I am still learning the "rails way of thinking". The "fat model skinny controller" style is something I am still struggling with as I am not fully familiar with all the methods that rails has to offer. There are plenty of times when I have to ask myself, should I do this in the controller or in the model?

I am able to update the tasks and their categories properly. However, there is a problem of creating duplicate categories upon updating. Suppose a category named "test" already exists and belongs to a task (i.e task 1) and another task (i.e task 2) has another category named "test2". Then if I were to update the category of task 2 to become "test", then I would create another "test" record in my categories table. I don't wish to create a duplicate record. However, I have not found a solution for this.

In addition, the page loads very slowly every refresh for some reason. It's probably due to the rendering of the components. Perhaps I am overusing the react components or something.

Once the above problems are solved, I'll just have to implement the search functionality and style it with bootstrap to complete the main assignment.

Update:

Successfully implemented search functionality and did up the initial bootstrap styling. Now I need to find a way to create a categories tab so that the user can look through the categories.

## **What have I done so far**

So far, I've only been able to create a task manager with CRUD functionality. I have created the associations between tasks and categories. And I am able to update the task details.