

# CVWO Reflection Writeup

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URL: <https://infinite-badlands-96242.herokuapp.com/>

## Reflection

This CVWO has enabled me to learn a new language: Go. Although I have some experience in setting up databases on cloud and writing SQL statements, I have forgotten how to utilise React as a frontend framework. I had great fun revising how React components work and understanding how RESTful APIs to enable communication between two different programs running completely different languages.

This assignment allowed me to refresh my prior knowledge of how SQL databases work from my polytechnic days. For this project, I planned to have a simple user interface as having a complicated user interface with dedicated date selector, priority take up too much time to properly setup. Hence, I opted to have a minimalistic design with only the category label, name and description, together with the option to either delete the task or edit. It served me well as a fast and easy application where I just need the extra space to jot down necessary notes and deadlines.

It was very interesting to be able to create a functional web application with an actual purpose, compared to all the code-and-forget examples that I have encountered in the university so far. I was excited to be able to start integrating multiple systems together with a common message format. Attempting to create the application has enabled me to learn valuable practical knowledge that are handy in the future, especially in other web applications that I may embark on next time. It was also fascinating to be able to see the fruit of my labour, learning how to deploy my application onto hosting providers such as Heroku/AWS. I was able to deploy the database up on the cloud separate from the main server, so that the application can be scaled up in the future without worrying about the additional load/requests to the database. It was fun learning about newer cloud technologies that could potentially be very useful for testing purposes or even deploying my projects next time.

## User Manual

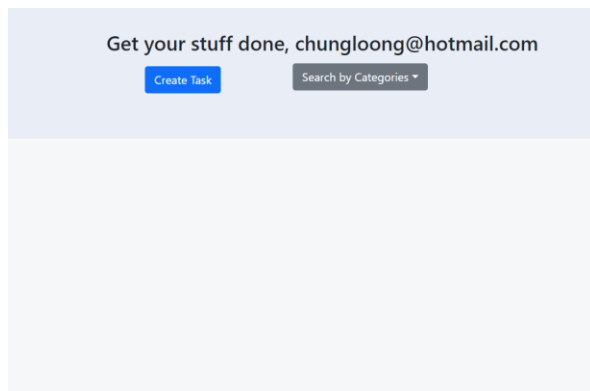
The application is simple to use: register for an account. After registration is complete, the user will be redirected to the login page where the user can then login using his/her credentials.

# Register

Please register for an account

Register

[Login](#)



The user can then create a task and fill in the necessary details. After the task is created, the task will be displayed in the home page. The user can then edit the task or delete when necessary.

Create Task

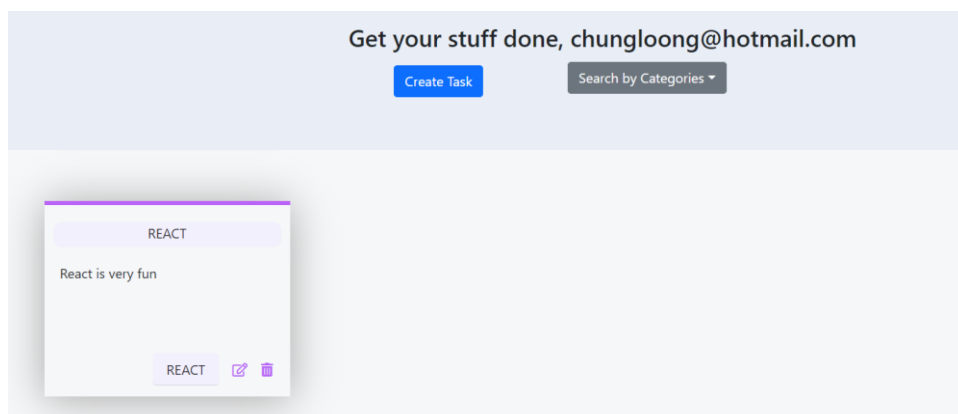
Task Name

Description

Category

Create

Cancel



The user can also search by category to retrieve only the tasks with the specific category. The interface is kept simple and easy-to-use to not overcomplicate things.

