

## **Write-up**

Prior to this assignment, I had zero experience in web programming. During the winter break, I am glad that I decided to attempt this application as it has allowed me to gain a lot of knowledge on web programming and the skills required to make a basic web application. At first, it was daunting to even start on the assignment because there was so much I had to learn about before I could even start making the application. When learning these concepts, there were times when it felt like these concepts were not registering in my head as it felt like I was only understanding these concepts on the surface when I was learning them from various resources.

Now that I have at least completed the basic features of the application, I feel that I spent my winter break meaningfully as I managed to gain something from learning web programming myself. Although the current product is not the most ideal one that I have envisioned, I am happy that I managed to create a working application and it has most certainly deepened my understanding of concepts that I have learned in the previous software engineering module. The process of making the web application was definitely frustrating and stressful at times, but the satisfaction of completing a working product has definitely made all these effort worthwhile.

Even though I managed to complete the basic application with the stated requirements, there are many other portions of the application I am still unsatisfied with certain portions of my application. Hence, I would definitely try to improve on these areas in my free time and add more features and hopefully, I will be able to apply what I have learnt in this assignment in other future projects.

# User Manual

## 1. Homepage

### Task Manager

An efficient tool to manage your tasks.

View Task List

When starting the application, the homepage to the application will be shown. To view the task list, click the “View Task List” button.

## 2. Viewing Task List


The screenshot displays the Task Manager application interface. At the top, a dark navigation bar contains a home icon (1), a 'Create New Task' button (2), and a 'Filter by tag' input field (3). Below the navigation bar, there is a grid of task cards. The first card, 'MA2101 Tutorial 1', includes details like content, due date, a tag 'ma2101' (4), a status 'incomplete' (5), and a 'Manage' button (6). Other cards include 'CS2103T Week 1 iP Tasks', 'CS2106 Lecture 1 Revision', 'CS2100 Lab 1', and 'CS2100 Tutorial 1', each with similar details and a 'Manage' button.

- 1: Go to homepage
- 2: Create a new task
- 3: Type in a tag to filter out tasks with that tag
- 4: Tag of task
- 5: Status of task (Incomplete/complete)
- 6: Click to manage the task

### 3. Creating a Task

#### Add a new task.

Task  Tag


Deadline  

Description

[Create Task](#) [Back to tasks](#)

At this page, users are able to create a new task by inputting the details in this form. Note that all fields are required to create a valid form. When task is created, users will be directed to the page for managing a task (the page is shown in the next section).

### 4. Managing Tasks

1  View All Tasks 2

## CS2100 Tutorial 1

Content: Lectures 1-3

Due: Thu, January 20, 2022, 8:00 AM









**cs2100** incomplete

3 Complete/Incomplete

4 Edit Task Details

5 Delete Task

6

SubTasks		9	10
8 <input checked="" type="checkbox"/> Q1 incomplete			
<input type="checkbox"/> Q2 incomplete			
<input type="checkbox"/> Q3 incomplete			
<input type="checkbox"/> Q4 incomplete			

7

Add SubTask... [Add](#)

1: Homepage

2: Go back to view the Task List

3: Changes the status of task from complete to incomplete or vice versa

4: Edit the task

5: Delete the task

6: List of SubTasks of current Task

7: Add a SubTask

8: Check the box to complete SubTask

9: Edit the SubTask

10: Delete the SubTask

