

## **Todo App: Lee Yan Cheng, A0199141B**

### **Basic use cases**

#### **Use case: UCo1 - List tasks**

##### **MSS**

1. User requests to list tasks
2. Todo shows a list of tasks  
Use case ends

#### **Use case: UCo2 – View task**

##### **MSS**

1. User requests to view a task
2. Todo shows details of specified tasks  
Use case ends

#### **Use case: UCo3 - Add a task**

##### **MSS**

1. User enters task name and details
2. Todo adds task into database
3. Todo shows task details (UCo2)  
Use case ends.

#### **Use case: UCo4 - Delete a task**

##### **MSS**

1. User requests to list tasks (UCo1)
2. User requests to delete a specific task in the list
3. Todo deletes the task from the database  
Use case ends.

#### **Use case: UCo5 - Edit a task**

##### **MSS**

1. User request to list tasks (UCo1)
2. User requests to edit a specific task in the list
3. Todo edits the task in the list  
Use case ends.

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### **Use case: UCo6 – Search/filter tasks**

#### **MSS**

1. User enter search query
2. Todo displays the tasks that matches the query  
Use case ends.

### **Use case: UCo7 – Sign in**

#### **MSS**

1. User enters username and password
2. Todo authorises the user and lists the user's task (UCo1)  
Use case ends.

### **Use case: UCo8 – Sign out**

#### **MSS**

1. User requests to sign out
2. Todo signs user out from server  
Use case ends.

### **Execution Plan**

1. Add MVC for Task module
2. Add CRUD methods for Task module
3. Add user management
4. Add searching/tagging
5. Streamline UI of webpages
6. Setup Todo for production
7. Host Todo on Heroku
8. Touch-up and additional features