

## CVWO

### Basic Use Cases

- Use Case 1: Adding a Tag

Primary Actor: User

Precondition: The user has at least one active task

MSS:

1. The user selects a task by clicking on it
2. Buttons pop up on the edge of the task box
3. The user selects the “add a tag” button
4. A pop-up with a bar for user input appears
5. The user types in their tag
6. The user presses “ok”

- Use Case 2: Searching

Primary Actor: User

Precondition: NIL

MSS:

1. The user types in a keyword into the search bar
2. The list view clears and only tasks that contain that keyword in the task title or tag appear

Extensions:

2.2 If there are no tasks that contain that keyword, an empty page is shown with the words “No tasks were found.”

### Execution Plan

- Basic features:
  - CRUD  
The addition, deletion, edition, and viewing of tasks
  - Tags  
Considerations:
    - Having a list of all tags the user has used (with the number of tasks in each tag)
  - Search  
The search feature will return keywords and tags that match the user input.
- Additional features to consider:
  - Marking tasks as done
  - Adding deadlines

- Sort tasks according to tags or deadlines
- Add a colour option for tags
- Adding a progress bar and sub-tasks

Where some tasks are too large to mark as complete at once, these tasks can be divided into sub-tasks. A progress bar will be shown to mark the status of the overall task.

- Adding overall statistics (number of tasks in each tag, number of undone tasks, etc)
- Adding goals

E.g. Marking 30 tasks as done

Completing 10 tasks marked with a specific tag (e.g. #HW)

- Brief timeline:

December: Learn and get familiar with Ruby

January Week 1-2: Complete CRUD and UI

January Week 3: Complete tagging and search

January Week 4: Complete selected additional tasks