System: To-do manager
Use case: create new task
Actor: user
MSS:
1. User opens to-do list.
2. User types in a new task in the list.
3. User saves the task.
Use case ends.
Extension:
3a. System detects the task content is empty
3a1. User enters task content
Use case resumes from step 3
*a. At any time, the user cancels the process of creating tasking.
Use case ends

System: To-do manager
Use case: edit a task
Actor: user
MSS:
1. User opens to-do list.
2. User edits a task in the list.
3. User saves the task.
Use case ends.
Extension:
3a. System detects the task content is empty.
3a1. User enters task content.
Use case resumes from step 3.
*a. At any time, the user cancels the process of editing tag.
Use case ends.

System: To-do manager
Use case: delete a task
Actor: user
MSS:
1. User opens to-do list.
2. User deletes a task in the list.
Use case ends.

System: To-do manager
Use case: recover a task
Actor: user
MSS:
1. User opens trash.
2. User recovers a task in the list.
Use case ends.

System: To-do manager
Use case: create a tag
Actor: user
MSS:
1. User types in a tag.

2. User saves the tag.
Use case ends.
Extension:
   2a. System detects the tag name is empty.
      2a1. User enters tag name.
      Use case resumes from step 2.
   2b. System detects the tag already exists.
      2b1. User reenters tag name.
      User case resumes from step 2.
   *a. At any time, the user cancels the process of creating a tag.
   Use case ends.

System: To-do manager
Use case: edit a tag
Actor: user
MSS:
   1. User edits a tag.
   2. User saves the tag.
   Use case ends.
Extension:
   2a. System detects the tag name is empty.
      2a1. User enters tag name.
      Use case resumes from step 2.
   2b. System detects the tag already exists.
      2b1. User reenters tag name.
      User case resumes from step 2.
   *a. At any time, the user cancels the process of editing a tag.
   Use case ends.

System: To-do manager
Use case: delete a tag
Actor: user
MSS:
   1. User opens tag list.
   2. User deletes a tag in the list.
   Use case ends.

System: To-do manager
Use case: view tasks
Actor: user
MSS:
   1. User opens to-do list.
   Use case ends.
Extension:
   1a. User uses tags to filter tasks
   Use case ends

Execution plan:
   1. Implement CRUD for tasks
   2. Implement CRUD for tags

3. Implement filtering task using tags
4. Tweak UI
5. Implement a 'trash' for tasks
6. Implement a login system (if time allows)