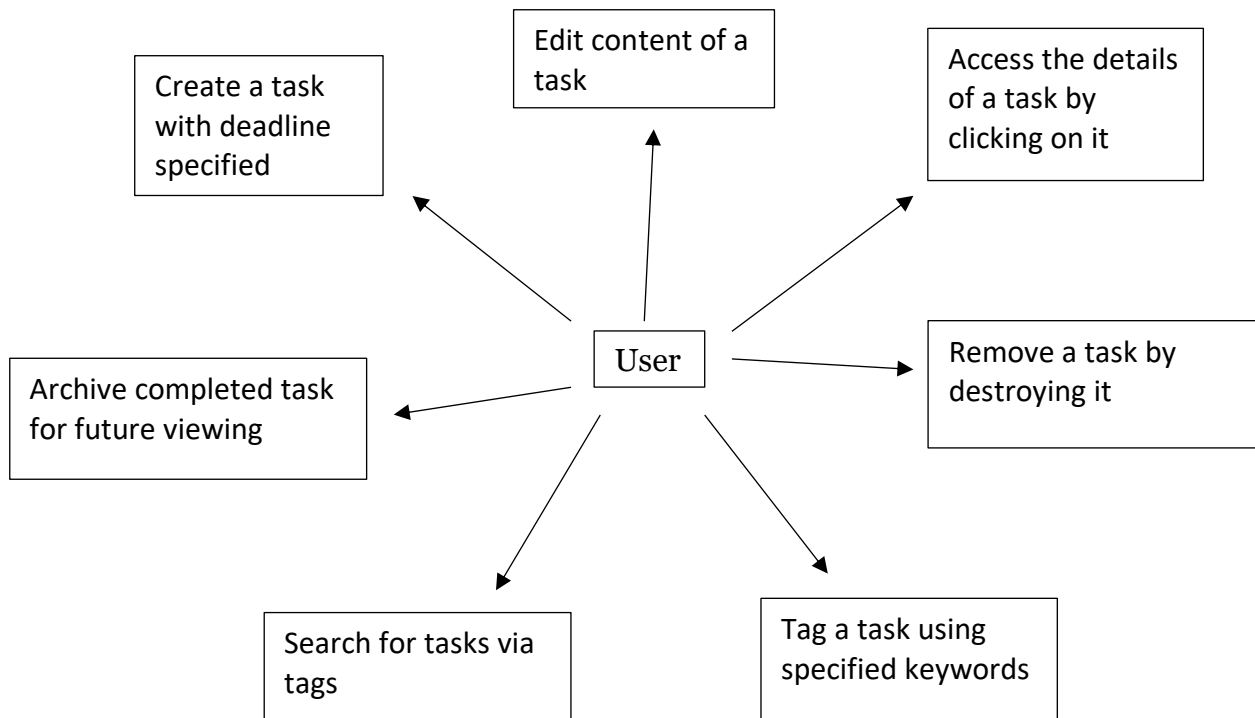


CVWO Assignment 1 – To-do Manager
Yeo Tong
A0180313U

Basic Use Case Diagram



Use Cases Description

1. Creating task with deadline specified:
 - Able to add a task to the to-do manager with a specified deadline to the task.
 - Able to sort task according to the deadline specified.
2. Edit content of a task:
 - Able to edit an ongoing task by changing its description and deadline if required.
3. Accessing details of the task:
 - Able to view the task description through clicking of the task title.
4. Removing a task:
 - Able to remove a task from the to-do manager.
5. Tagging task via keywords
 - Able to categorize tasks using keywords.
6. Search for tasks via tag
 - Able to find tasks that are tagged using specified keywords.
7. Archiving completed tasks
 - Able to store completed task in an archive for future references.

Executing Plan:

- Phase 1: Setting up and learning basic ruby (8th Dec – 25th Dec)
 - Set Up Ruby and Ruby on Rails
 - Set Up github repository
 - Designing functionality for to-do Manager
- Phase 2: Prototyping (26th Dec – 5th Jan)
 - Create basic Crud operations for task.
 - Adding deadline Component to the task
 - Adding Tag System to the to-do manager
- Phase 3: Styling (6th Jan – 10th Jan)
 - Create stylesheets for the application
 - Explore bootstrap and other styling frameworks
- Phase 4: Adding extra features (11th Jan – 23rd Jan)
 - Adding Archive System to the app
 - Explore user authentication system
- Phase 4: Deployment (24th Jan – 27th Jan)
 - Set up Heroku and learn how to deploy an application
- Phase 5: Final Submission (28th Jan)

Difficulties Faced

1. First time developing an application, have to learn everything from scratch including ruby and rails.
2. Require some time to learn what rails is about. Articles posted in the assignment is helpful.