

WORM SUBJECT PLANNER

Use Case Specification

Tasks-related

Submitted to:

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Unique Reference:

The documents are stored in the repository

<https://github.com/cyanworm/WormSubjectPlanner>

File Name: Use Case Specification (Tasks-related) - CW WORM Subject Planner.pdf

File Reference:

Document Purpose:

The purpose of this document is to show the use case specifications for the WORM Subject Planner. It also aims to define and explain the use cases used in the Use Case Model.

Target Audience:

Clients and instructor

Revision Control*History Revision:*

Revision Date	Person Responsible	Version Number	Modification
09/30/14	Domingo, Patrick Leiniel	1.0	Initial Document

Tasks-related:

Use-Case Name: 1.0 - Search Task

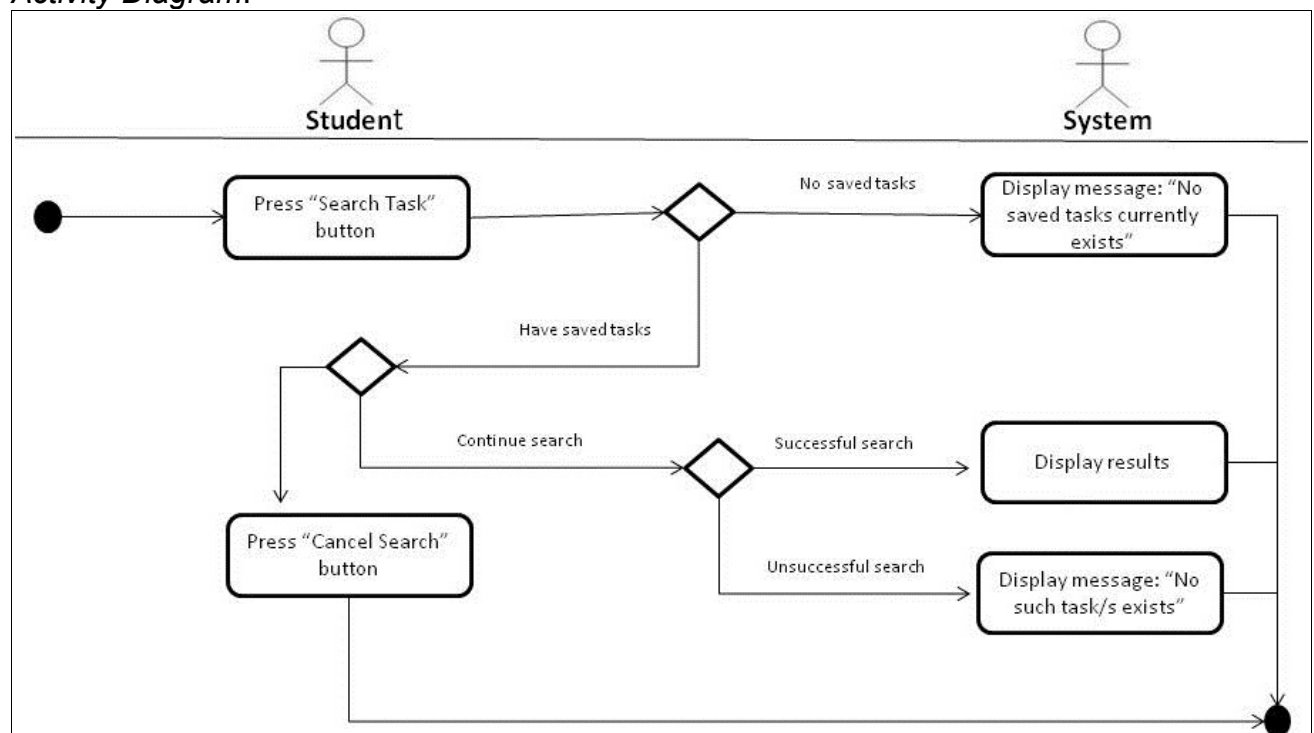
Description: This involves searching for specific task/s.

Preconditions: None

Flow of Events:

Scenario Name	Description
Scenario 1 (Basic Flow) Student can search for a task	<ol style="list-style-type: none">1. The student enters the Tasks category.2. The student selects "Search Task".3. The student will be able to choose the following:<ol style="list-style-type: none">a. Search by:<ol style="list-style-type: none">a.1. Titlea.2. Date/Timeb. Cancel search
Scenario 2 No saved task currently exists in the program	<ol style="list-style-type: none">1. The program will display a message stating that no saved task/s currently exists in the program.
Scenario 3 The task searched does not exist	<ol style="list-style-type: none">1. The program will display a message stating that no such task/s exists.
Scenario 4 The task searched for exists	<ol style="list-style-type: none">1. The program will display the results of the search.

Activity Diagram:



Postcondition: NONE.

Relationships: NONE.

Special Requirements: NONE.

Use-Case Name: 2.0 - View Tasks

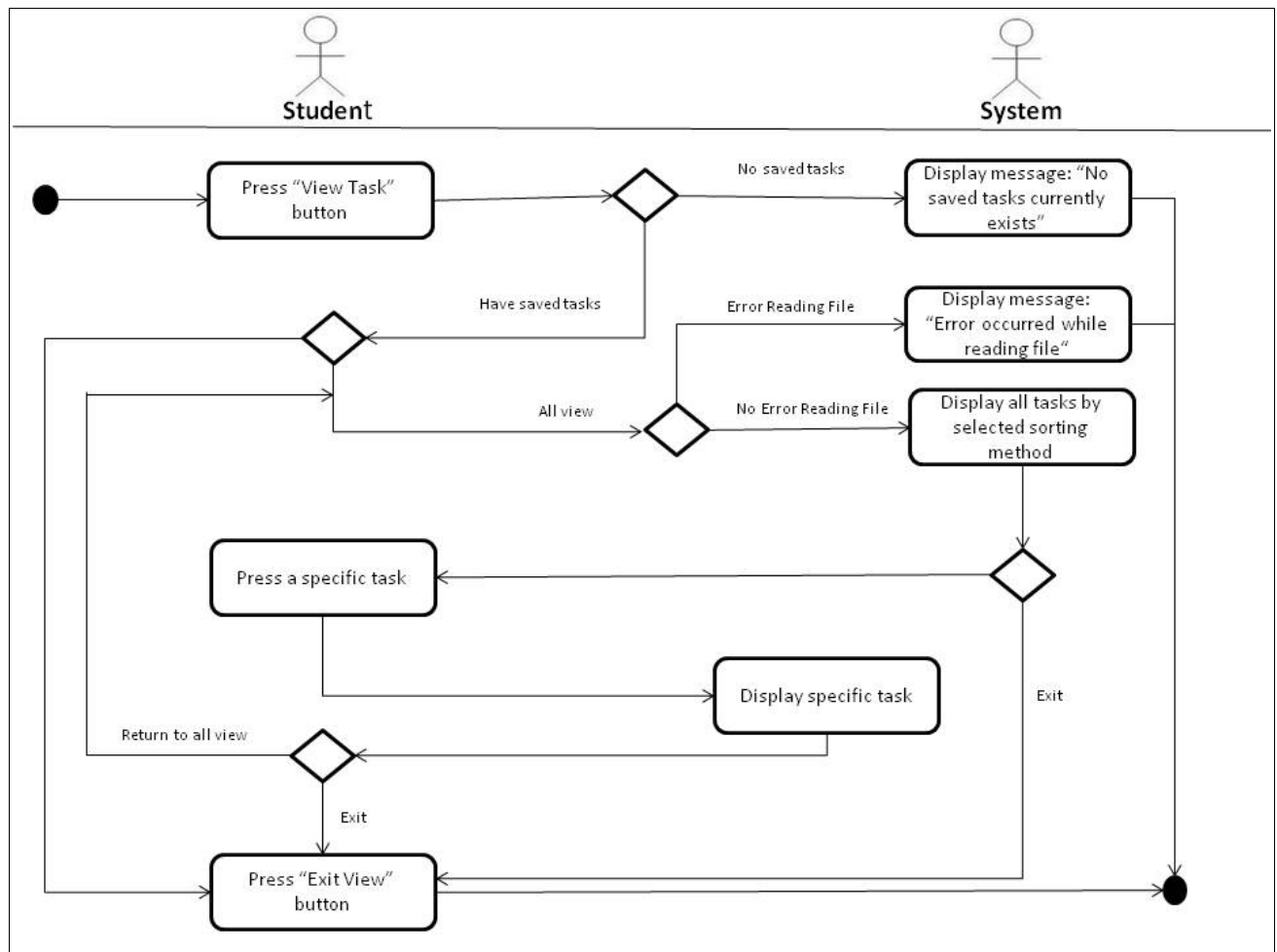
Description: This involves viewing of individual/all tasks.

Preconditions: None.

Flow of Events:

Scenario Name	Description
Scenario 1 (Basic Flow) Student views all task	<ol style="list-style-type: none">1. The student enters the Tasks category.2. The student selects "View Tasks".3. The program will display the tasks arranged chronologically by default.4. The student can select the display to be arranged by:<ol style="list-style-type: none">a. Title (Ascending or Descending)b. Date/Time (Ascending or Descending)c. Custom Arrangement
Scenario 2 Student selects a specific tasks from the "all" view	<ol style="list-style-type: none">1. While in "all" view, the student can select a specific task.2. The program will display the details about that specific task and all other options possible.3. The user can also return to "all" view.
Scenario 3 No saved task currently exists in the program	<ol style="list-style-type: none">1. The program will display a message that no saved task/s currently exists in the program.
Scenario 4 Error loading tasks	<ol style="list-style-type: none">1. The program will display a message that an error occurred while accessing all saved tasks.

Activity Diagram:



Postcondition: NONE.

Relationships: NONE.

Special Requirements: NONE.

Use-Case Name: 2.1 - Arrange Tasks

Description: This involves arranging the display of the tasks in "all" view.

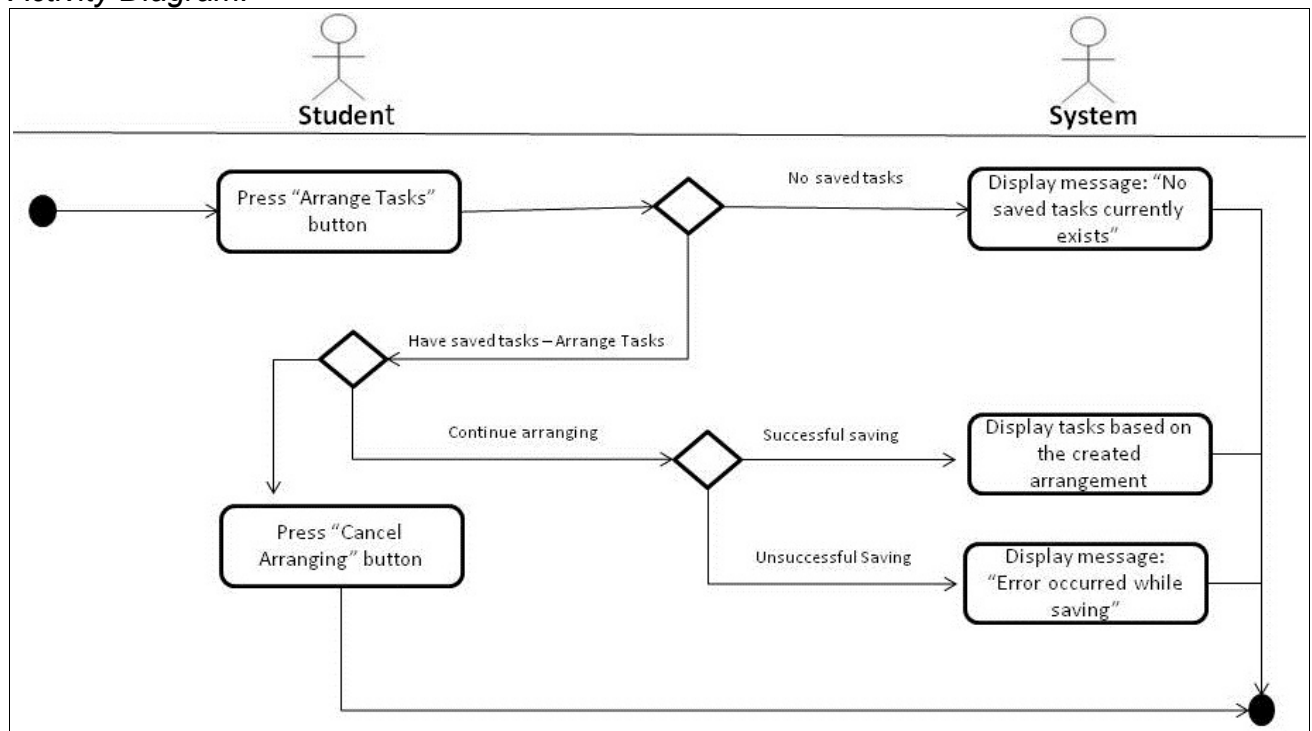
Preconditions: Currently in "all" view.

Flow of Events:

Scenario Name	Description
Scenario 1 (Basic Flow) Student arranges all tasks.	<ol style="list-style-type: none"> 1. The student enters the Tasks category. 2. The student selects "View Tasks". 3. The student selects "Arrange Tasks". 4. The student will be able to put priorities in the task to be able to arrange their position in the display.
Scenario 2 No saved task current exists in the program	<ol style="list-style-type: none"> 1. The program will display a message that no saved task/s currently exists in the program.

Scenario Name	Description
Scenario 3 Error saving arrangement	1. The program will display a message that an error occurred while saving the custom arrangement made.

Activity Diagram:



Postcondition: NONE.

Relationships: NONE.

Special Requirements: NONE.

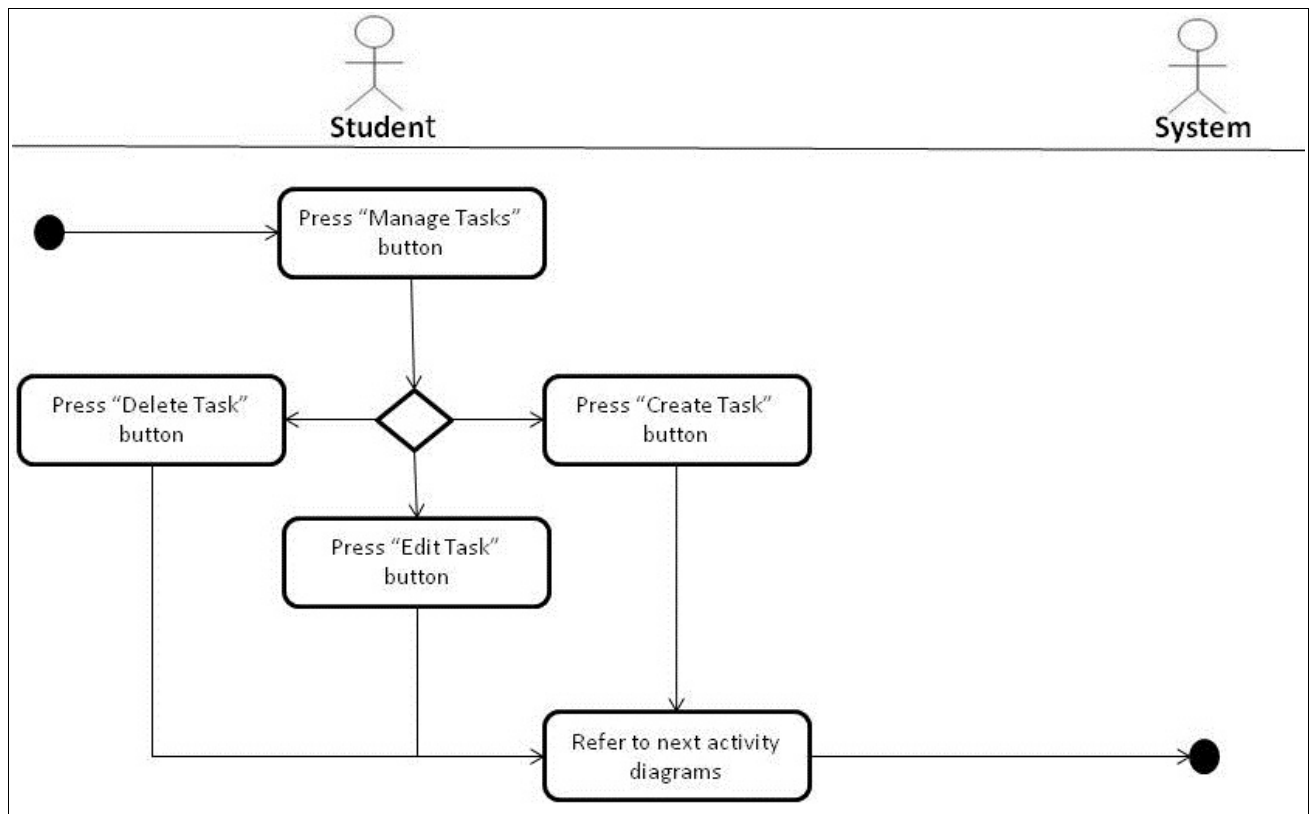
Use-Case Name: 3.0 - Manage Task

Description: This involves updating the list of tasks.

Preconditions: None

Scenario Name	Description
Scenario 1 (Basic Flow) Student manages tasks	<ol style="list-style-type: none"> 1. The student enters the Tasks category. 2. The students selects "Manage Tasks" 3. The program will display three possible options for managing. <ol style="list-style-type: none"> a. Create Task b. Delete Task c. Edit Task

Activity Diagram:



Postcondition: NONE.

Relationships: NONE.

Special Requirements: NONE.

Use-Case Name: 3.1 - Create Task

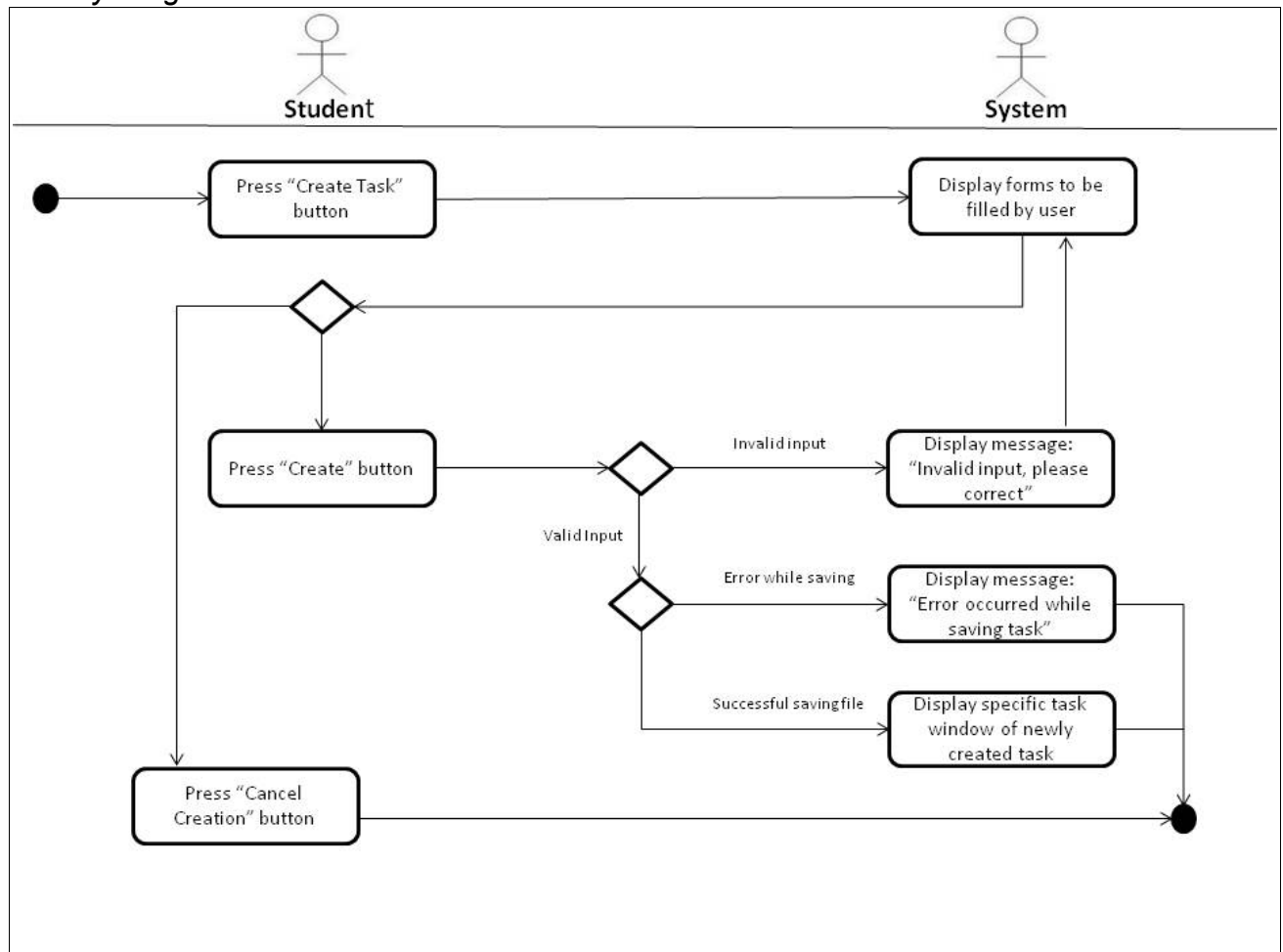
Description: This involves creating a new task.

Preconditions: None

Flow of Events:

Scenario Name	Description
Scenario 1 (Basic Flow) Student selects to add a task	<ol style="list-style-type: none"> The student selects "Create Task" from the Manage Tasks Window. The student will fill forms for the details of the task. The student will save the task. The student may also cancel creation.
Scenario 2 Error saving task	<ol style="list-style-type: none"> The program will display messages according to the following error: <ol style="list-style-type: none"> Error saving task (file related issue): The program will display a message that an error occurred while saving the created task. Invalid input The program will display a message that the student needs to correct the invalid input.

Activity Diagram:



Postcondition: NONE.

Relationships: NONE.

Special Requirements: NONE.

Use-Case Name: 3.2 - Delete Task

Description: This involves deleting a task.

Preconditions: None

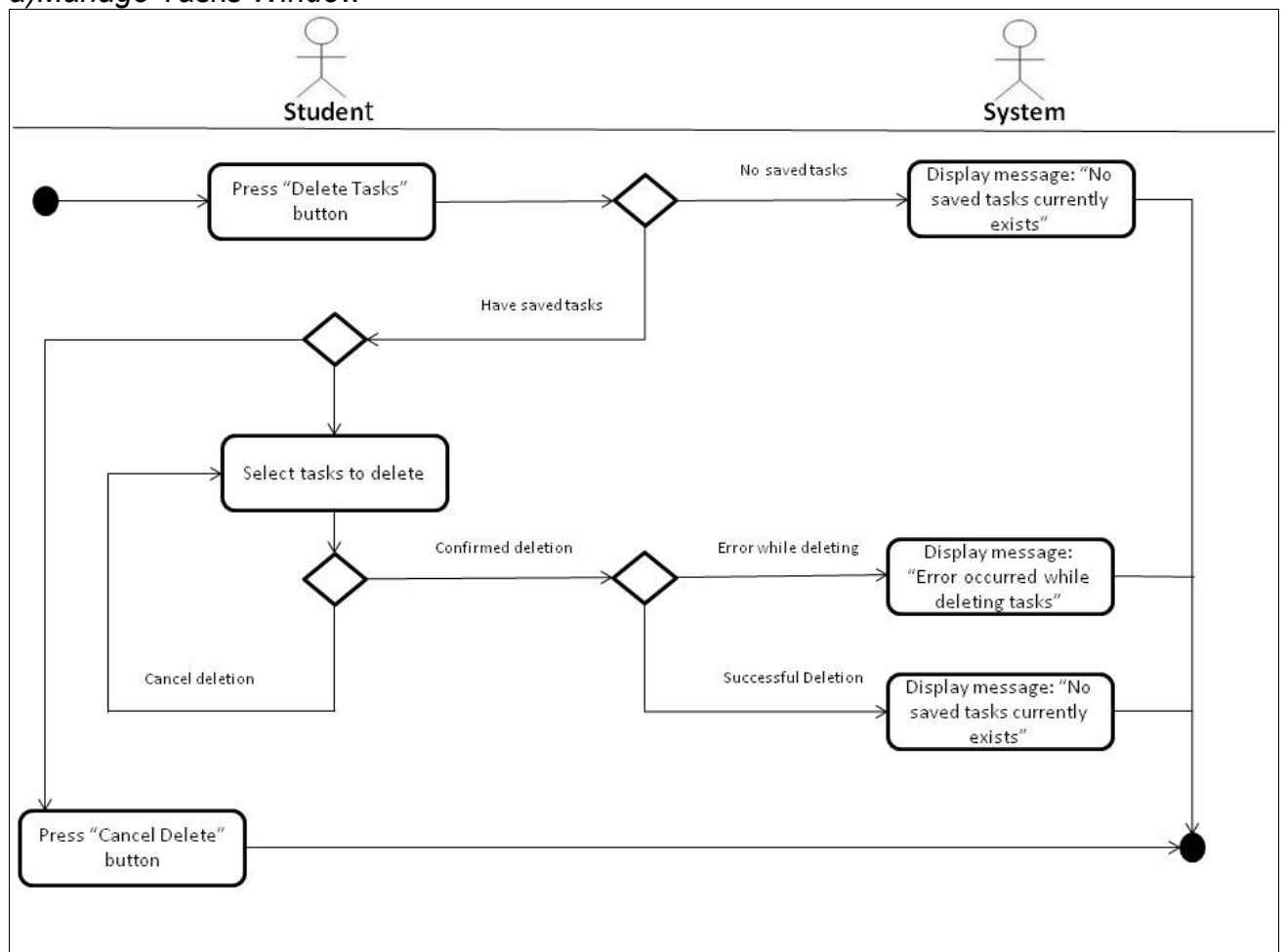
Flow of Events:

Scenario Name	Description
Scenario 1 (Basic Flow) Student selects to delete a task/s	<ol style="list-style-type: none"> The student selects "Delete Task" from the Manage Tasks Window. The student will be able to select which tasks to delete. The students selects to delete the task/s. <p>3.1. The program will create a prompt to confirm the deletion of the task/s.</p>

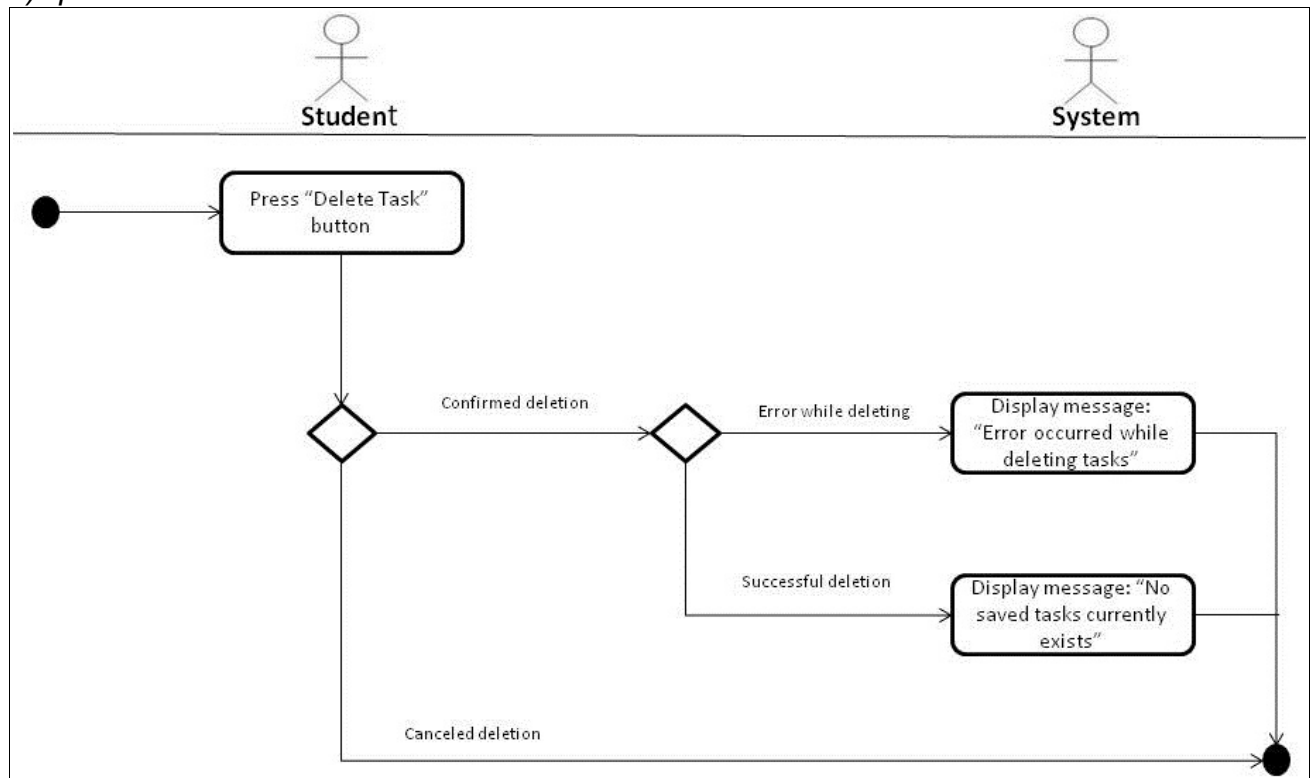
Scenario Name	Description
Scenario 2 Student is in the view task window	<ol style="list-style-type: none"> The student may cancel deletion. The student is currently in the View Task window. The student selects a specific task. The student selects delete task in the Specific Task window. The program will create a prompt to confirm the deletion of the task. The student may cancel the deletion.
Scenario 3 Error deleting task	<ol style="list-style-type: none"> The program will display a message that an error occurred while deleting the selected task/tasks.
Scenario 4 No saved tasks currently exists in the program	<ol style="list-style-type: none"> The program will display a message that no saved task/s currently exists in the program.

Activity Diagram:

a) Manage Tasks Window



b) Specific Task Window



Postcondition: NONE.

Relationships: NONE.

Special Requirements: NONE.

Use-Case Name: 3.3 - Edit Task

Description: This involves editing a task.

Preconditions: None

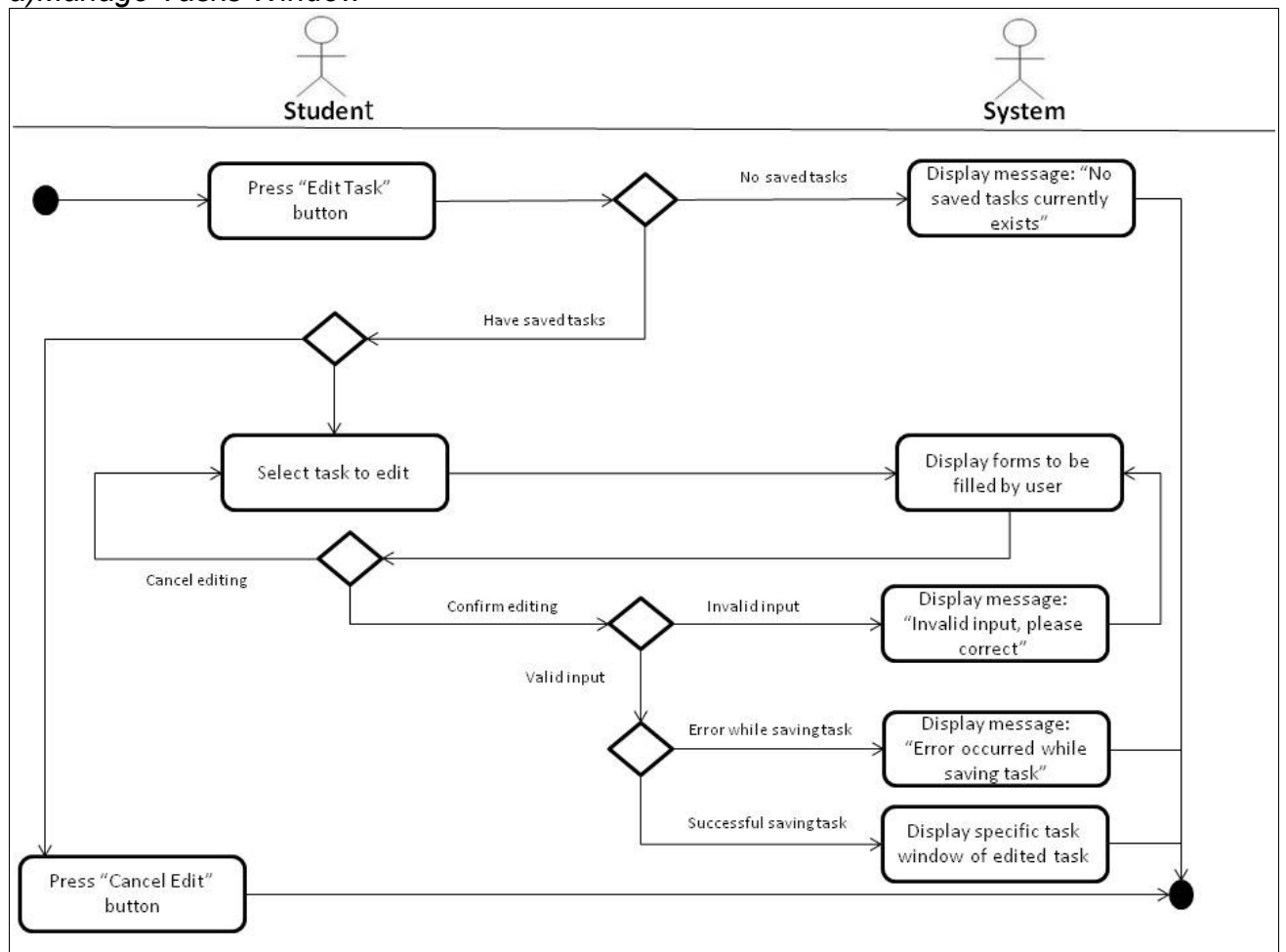
Flow of Events:

Scenario Name	Description
Scenario 1 (Basic Flow) Student selects to edit a task	<ol style="list-style-type: none"> 1. The student selects "Edit Task" from the Manage Tasks Window. 2. The student will be able to select a single task to edit. 3. The student will be able to edit the forms for the details of the task. 4. The student will save the edited task. <ol style="list-style-type: none"> 4.1. The program will create a prompt to confirm the saving of the edited task. 5. The student may also cancel editing.
Scenario 2 Student is in the view task window	<ol style="list-style-type: none"> 1. The student is currently in the view task window. 2. The student selects a specific task. 3. The student selects edit task in the Specific Task window.

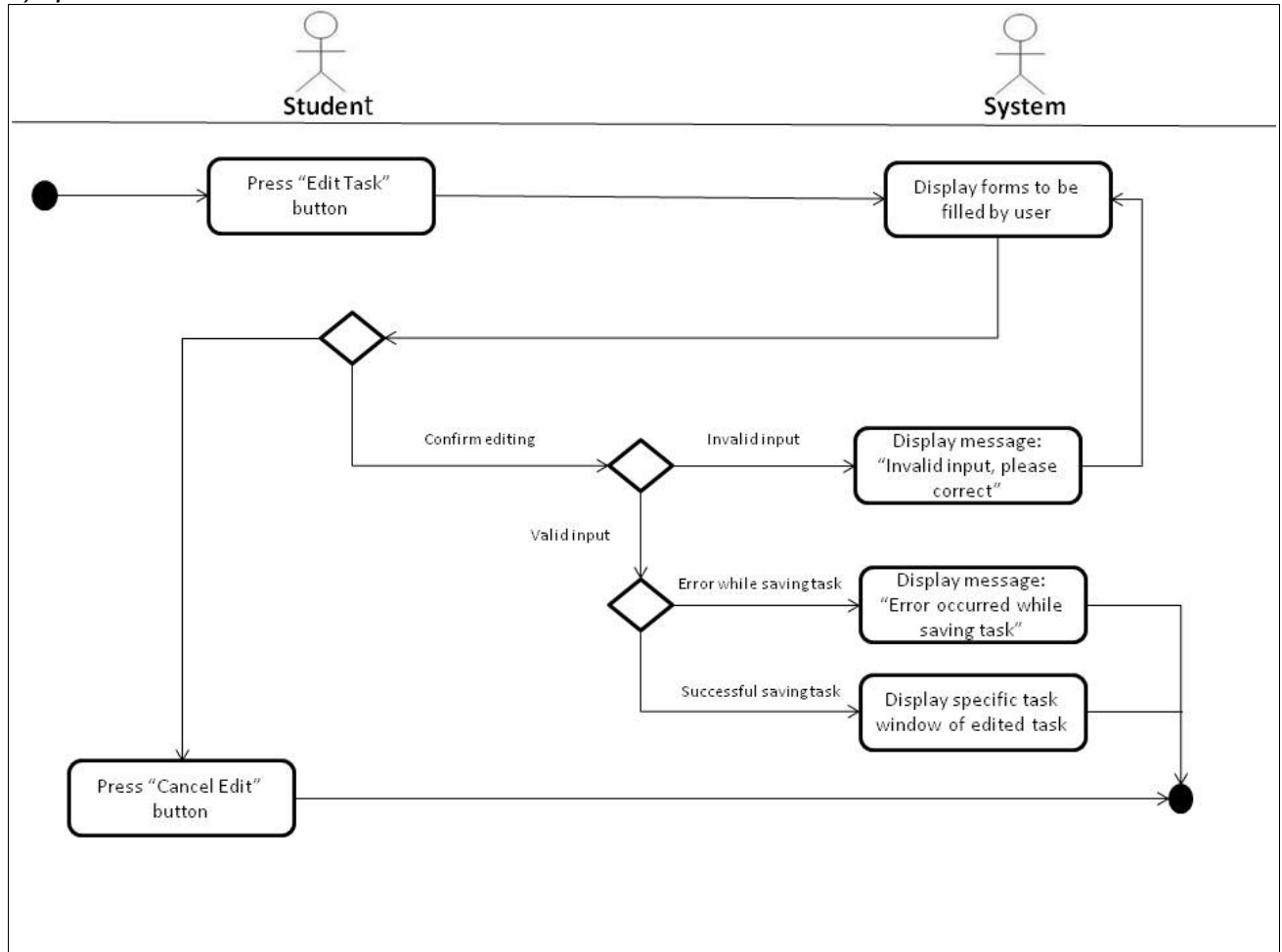
Scenario Name	Description
	<ol style="list-style-type: none"> The student will be able to edit the forms for the details of the ask. The student will save the edited task. <ol style="list-style-type: none"> The program will create a prompt to confirm the saving of the edited task. The student may cancel editing.
Scenario 3 Error saving the edited task	<ol style="list-style-type: none"> The program will display messages according to the following error: <ol style="list-style-type: none"> Error saving edited task (file related issue): The program will display a message that an error occurred while saving the edited task. Invalid input The program will display a message that the student needs to correct the invalid input.

Activity Diagram:

a) Manage Tasks Window



b) Specific Task Window



Postcondition: NONE.

Relationships: NONE.

Special Requirements: NONE.