

Use Case List

	Use Case	Business process	Begin w/ Actor	End w/ actor	Use Case	Actor	System
R2	Create task	Y	Y	Y	Y	User	To-Do Planner
R2	Delete Task	Y	Y	Y	Y	User	To-Do Planner
R2	Modify Task	Y	Y	Y	Y	User	To-Do Planner
R2.2	Assign Name	Y	Y	Y	Y	User	To-Do Planner
R3	Assign task Description	Y	Y	Y	Y	User	To-Do Planner
R4	Set due date /deadline	Y	Y	Y	Y	User	To-Do Planner
R5	Notify user.	Y	N	Y	Y	Appication	To-Do Planner
R6	Set Priority Task	Y	Y	Y	Y	User	To-Do Planner
R7	Display Task List	Y	Y	Y	Y	User	To-Do Planner

High-Level Use Case

Use Case1: Create task

- a. TUCBW the user clicking on “+” symbol at the bottom right corner of the application
- b. TUCEW the user sees a new task successfully added to the list of tasks

Use Case2: Delete Task

- a. TUCBW the user clicks a delete button in task window
- b. TUCEW the user sees task deleted from the list of tasks

Use Case3: Modify Task

- a. TUCBW the users click on the edit button of task window
- b. TUCEW the user changes the required parameter of the task

Use Case4: Assign Name+

- a. TUCBW the user select text box beside Task Name label
- b. TUCEW the user successfully assigns a name to task

Use Case5: Assign task Description

- a. TUCBW the user select text box beside Task Description label
- b. TUCEW the user successfully assigns a description to task

Use Case6: Set due to date /deadline

- a. TUCBW the user select date picker beside Due Date label
- b. TUCEW the user successfully assigns a deadline to task

Use Case7: Notify users.

- a. TUCBW the application detects time approaching the deadline assigned
- b. TUCEW the application sends an alert to the user

Use Case8: Set Priority Task

- a. TUCBW the user clicks priority from the drop-down menu
- b. TUCEW the priority is set to the particular task

Use Case9: Display Task List

- a. TUCBW the user clicks on the task icon at the bottom of the application.
- b. TUCEW the application displaying a list view of tasks.

Use Case10: Display Dashboard

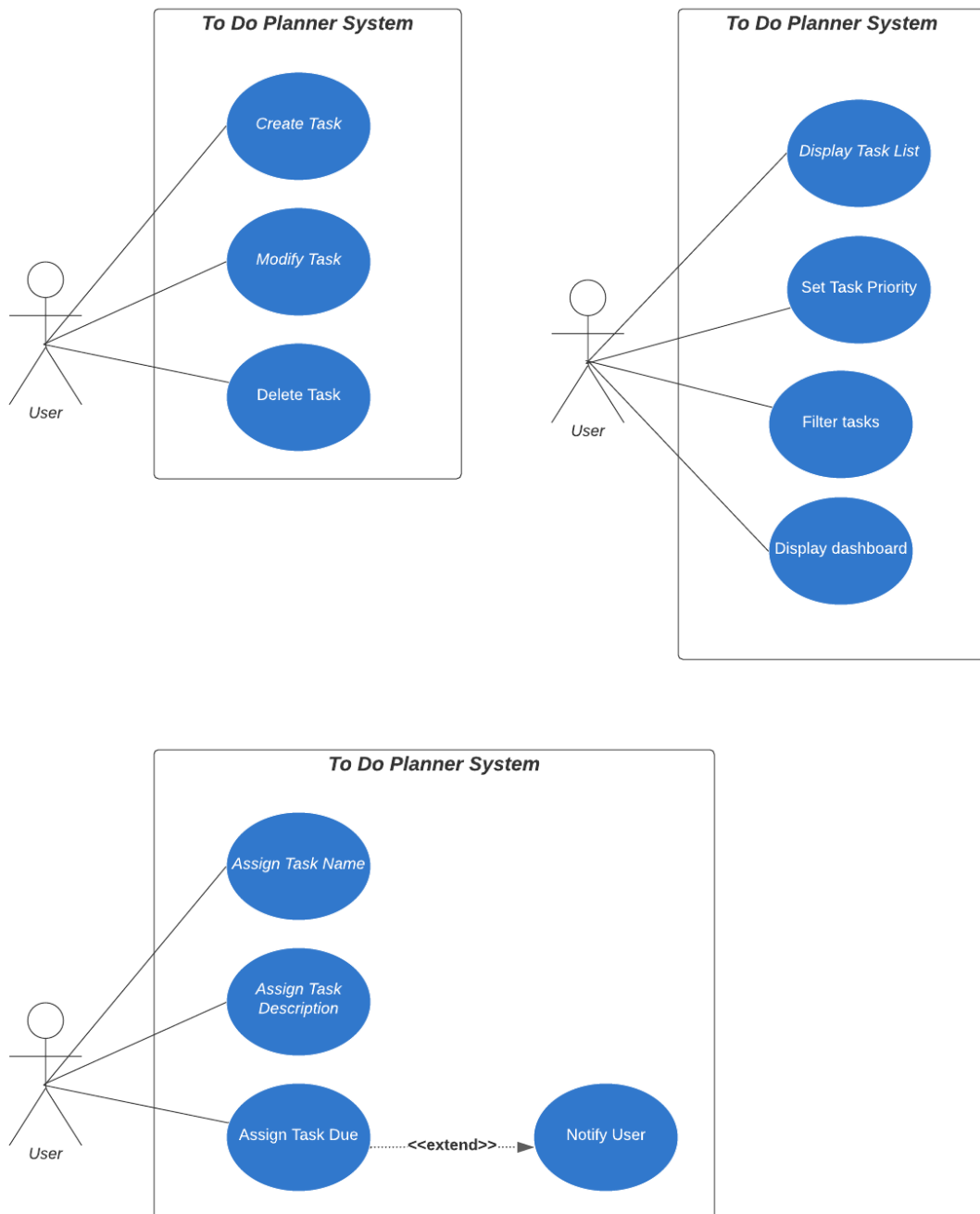
- a. TUCBW the user clicks on the dashboard icon at the bottom of the application
- b. TUCEW the application displays summary of tasks and tasks by due date are displayed in grid view.

Use Case11: Filter Tasks

- a. TUCBW the user clicks on the filter menu
- b. TUCEW the application displaying the list view of tasks based on a selected category of priorities.

Use Case Diagram

To Do Planner App



Requirements - Use Case Traceability Matrix

	Priority weight	UC-1	UC-2	UC-3	UC-4	UC-5	UC-6	UC-7	UC-8	UC-9	UC-10	UC-11
R1	1	X										
R2	1	X										
R2.1.1	2	X										
R2.1.2	2	X										
R2.2	2				X							
R2.3	2					X						
R3	2						X					
R4	1							X				
R4.1	2							X				
R4.1.1	2							X				
R4.2	2							X				
R4.2.1	2							X				
R5	4			X								
R5.1	4			X								
R6	3								X			
R6.1	3								X			
R7	1									X		
R8	2									X		
R8.1	2										X	
R8.2	2											X
R9	4		X									
	SCORE	6	4	8	2	2	2	9	6	3	2	2

Priority weights are 1 to 5. 1 being highest and 5 being the lowest

Incremental Matrix

Use Case	Priority	Efforts(in terms of person)	Depends on	Assigned to	Iteration 1 (3/11/2022)	Iteration 2 (04/08/2022)	Iteration 3 (05/02/2022)
UC-1	6	1	None	PS		1	
UC-2	4	1	UC-1	PS		1	
UC-3	8	3	UC-1	AS		2	1
UC-4	2	2	UC-1	PP		2	
UC-5	2	1	UC-1	PM		1	
UC-6	2	4	UC-1	PP		2	2
UC-7	9	3	UC- 1, 6	YK		1	2
UC-8	6	4	UC-1	PM		1	3
UC-9	3	2	UC-1-8	YK		1	1
UC-10	2	4	UC-1,6,8	PM			4
UC-11	2	4	UC-1,8	AS		1	3

PS = Parshva Shah, YK = Yogesh Kalapala, PP = Parth Patel, AS = Abdulbari Syed, PM = Paridnya Mane

1 person week=5hours