

To-Do Planner

- Iteration #1

-BY GROUP 7

GROUP MEMBERS:

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Agenda

Topics to discuss:

- ▶ Project Description
- ▶ Requirements
- ▶ Overall Design Approach
- ▶ Use Cases
- ▶ Requirements Use Case Trace Matrix
- ▶ Increment Matrix
- ▶ Domain Model
- ▶ Summary

Project Description

- ▶ The app is used to schedule and organizes tasks
- ▶ This app aims to solve the problem of productivity.
- ▶ The app intends to do so by:
 - Offering a platform to view summary of pending tasks
 - Providing notification certain amount of time before it is due



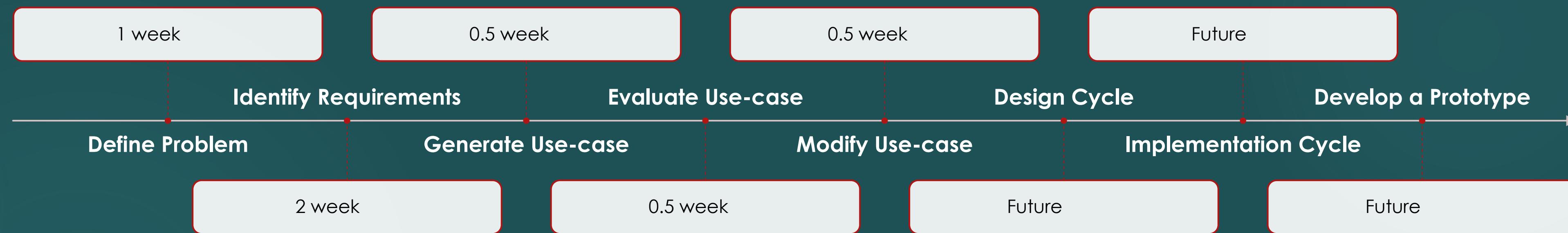
Requirements

- ▶ The app allows users to create a section of tasks.
- ▶ Tasks contains information like
 - ▶ Task Name
 - ▶ Task Description
 - ▶ Due Date
 - ▶ Task priority

Requirements

- ▶ Display Tasks and Task information:
 - ▶ The app displays the list of tasks by sections or just tasks
 - ▶ The app also has a dashboard that shows the summary of tasks by their priority or no. of tasks that are due
 - ▶ A checkbox next to task if a task is completed
 - ▶ User can also delete a task

Overall Design Approach



Use Cases

Use Case 1: Create Task

Use Case 2: Delete Task

Use Case 3: Modify Task

Use Case 4: Assign Name

Use Case 5: Assign Task Description

Use Case 6: Set due date /deadline

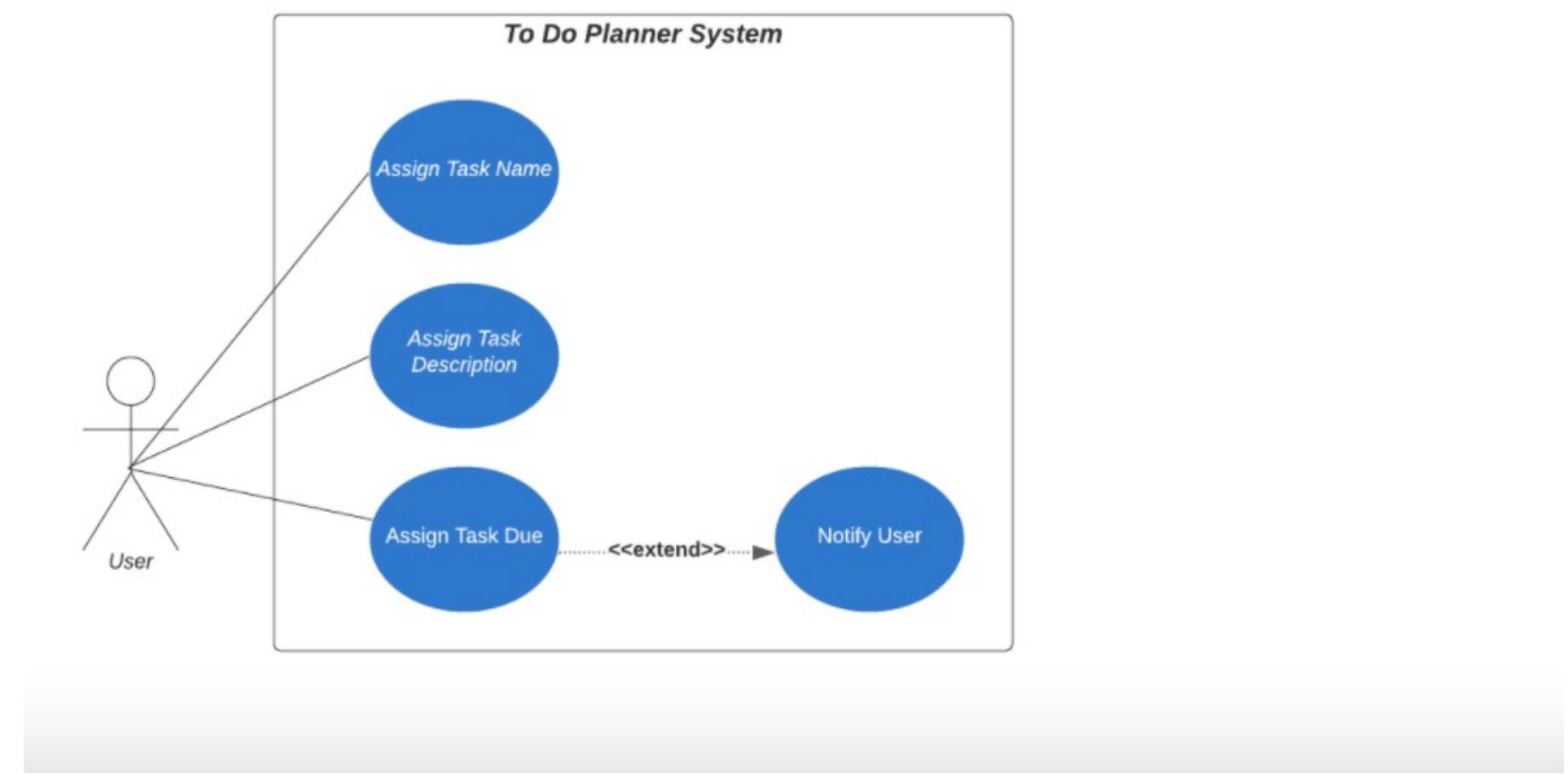
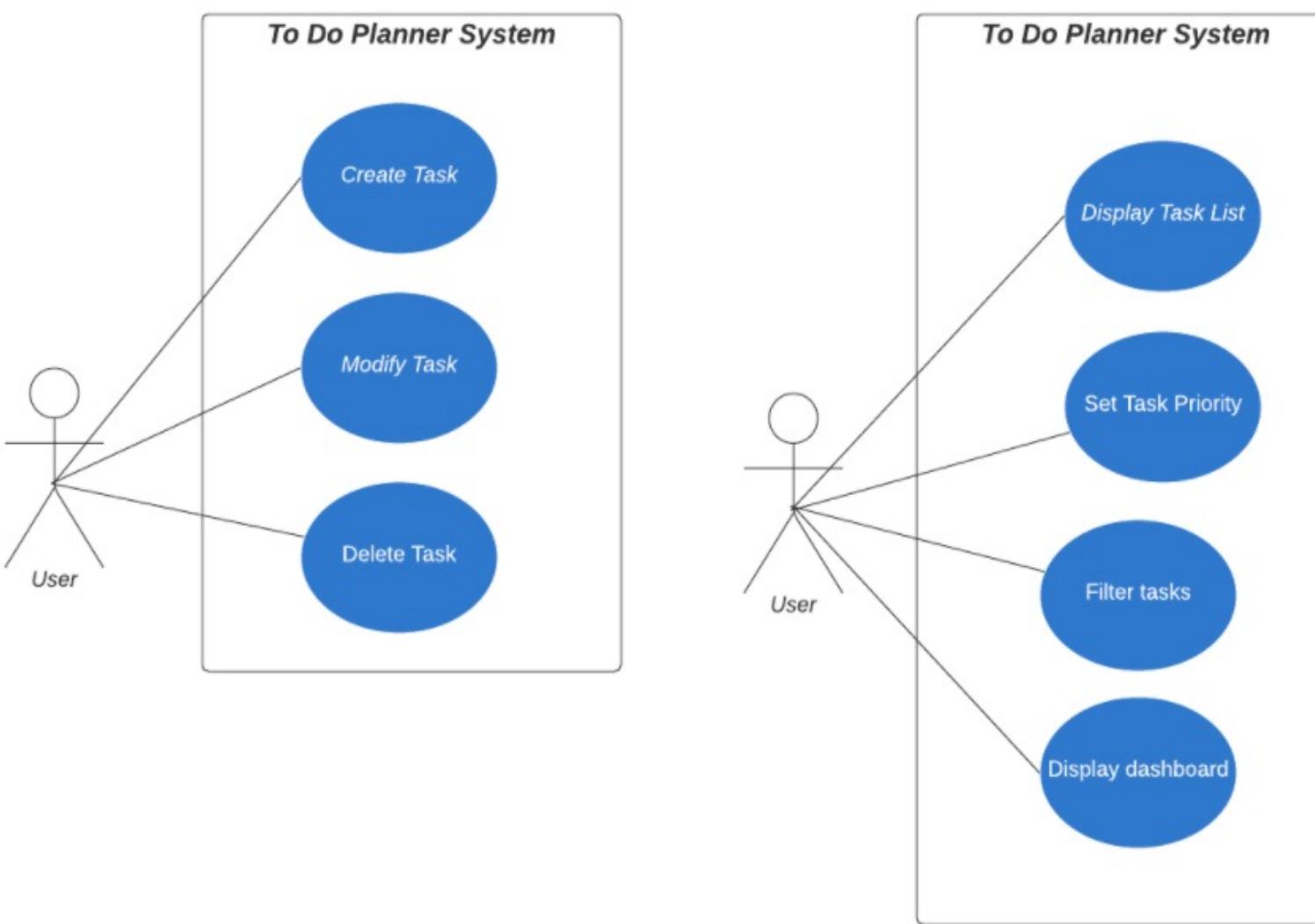
Use Case 7: Notify Users

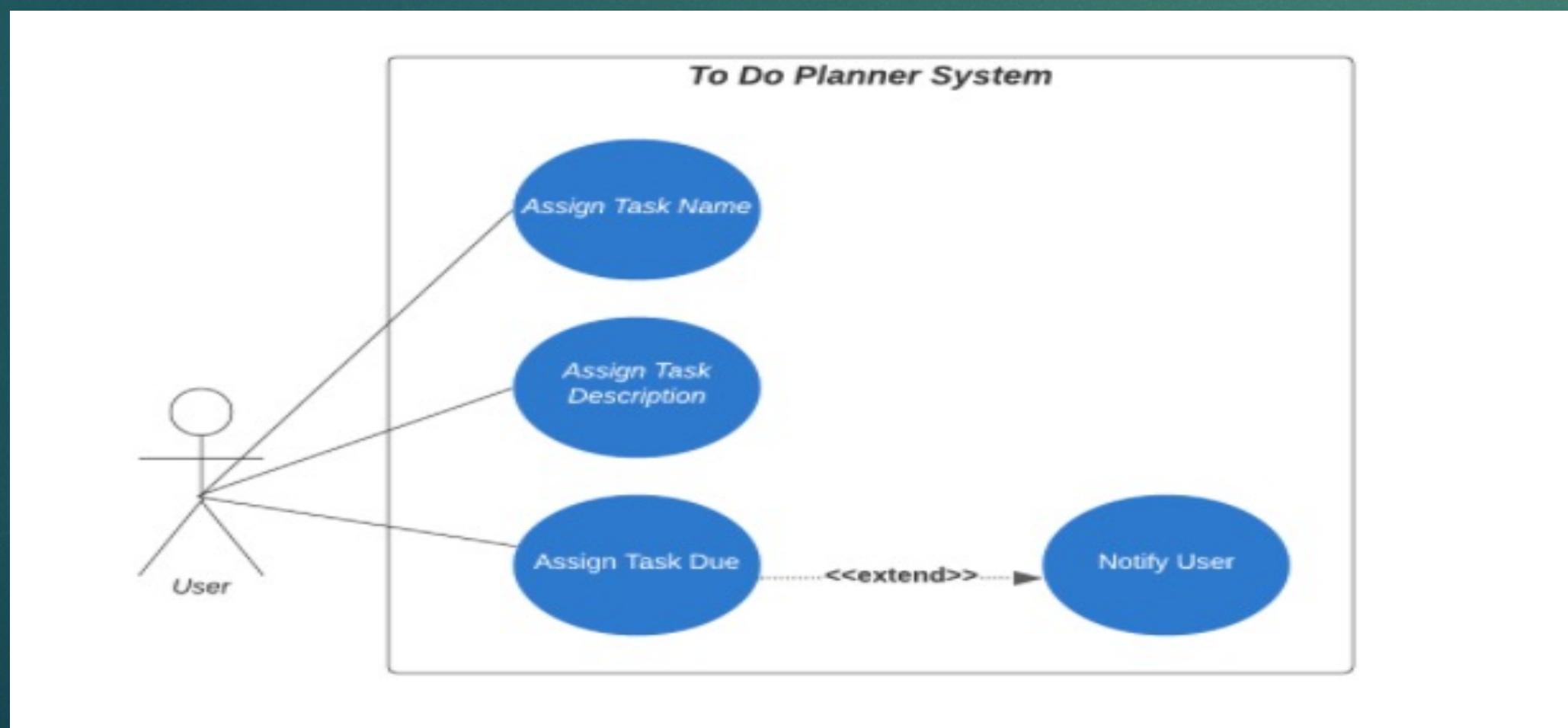
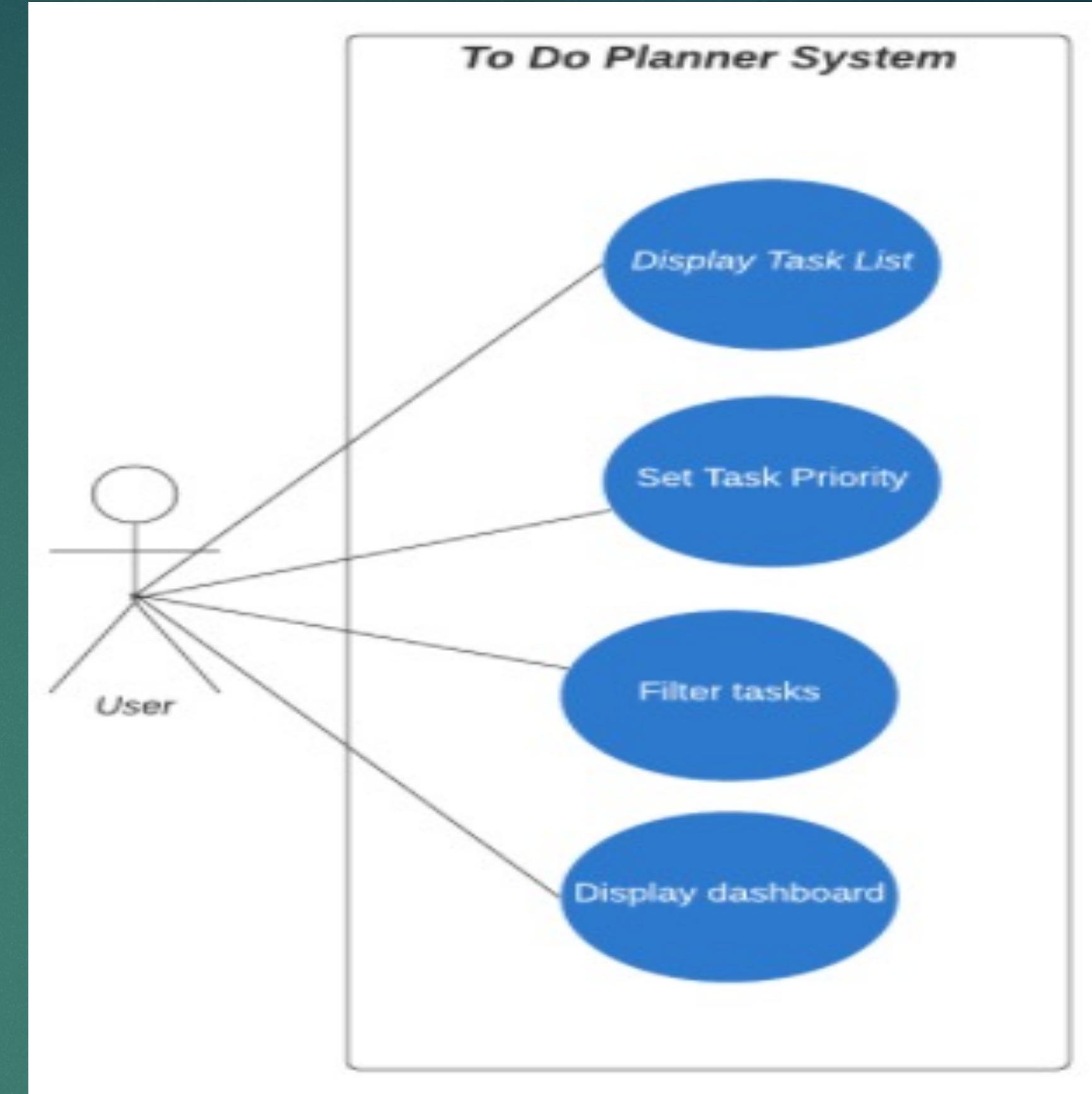
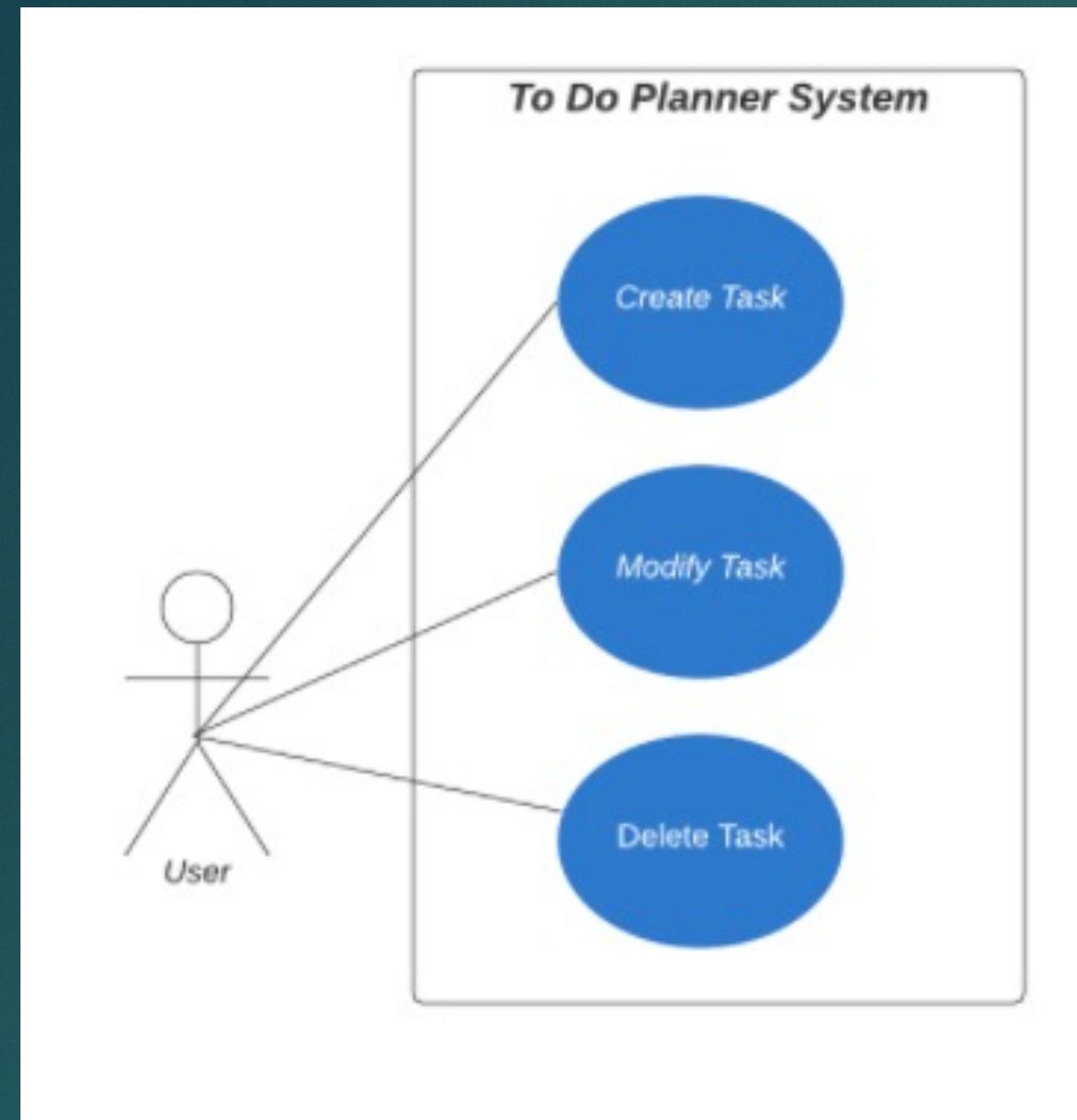
Use Case 8: Set Priority Task

Use Case 9: Display Task List

Use Case 10: Display Dashboard

Use Case 11: Filter Tasks

To Do Planner App



Requirements-Use Case Trace Matrix



	Prior ity weig ht	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									
	SCO RE	6		4	8	2	2	2	9	6	3	2

Incremental Matrix



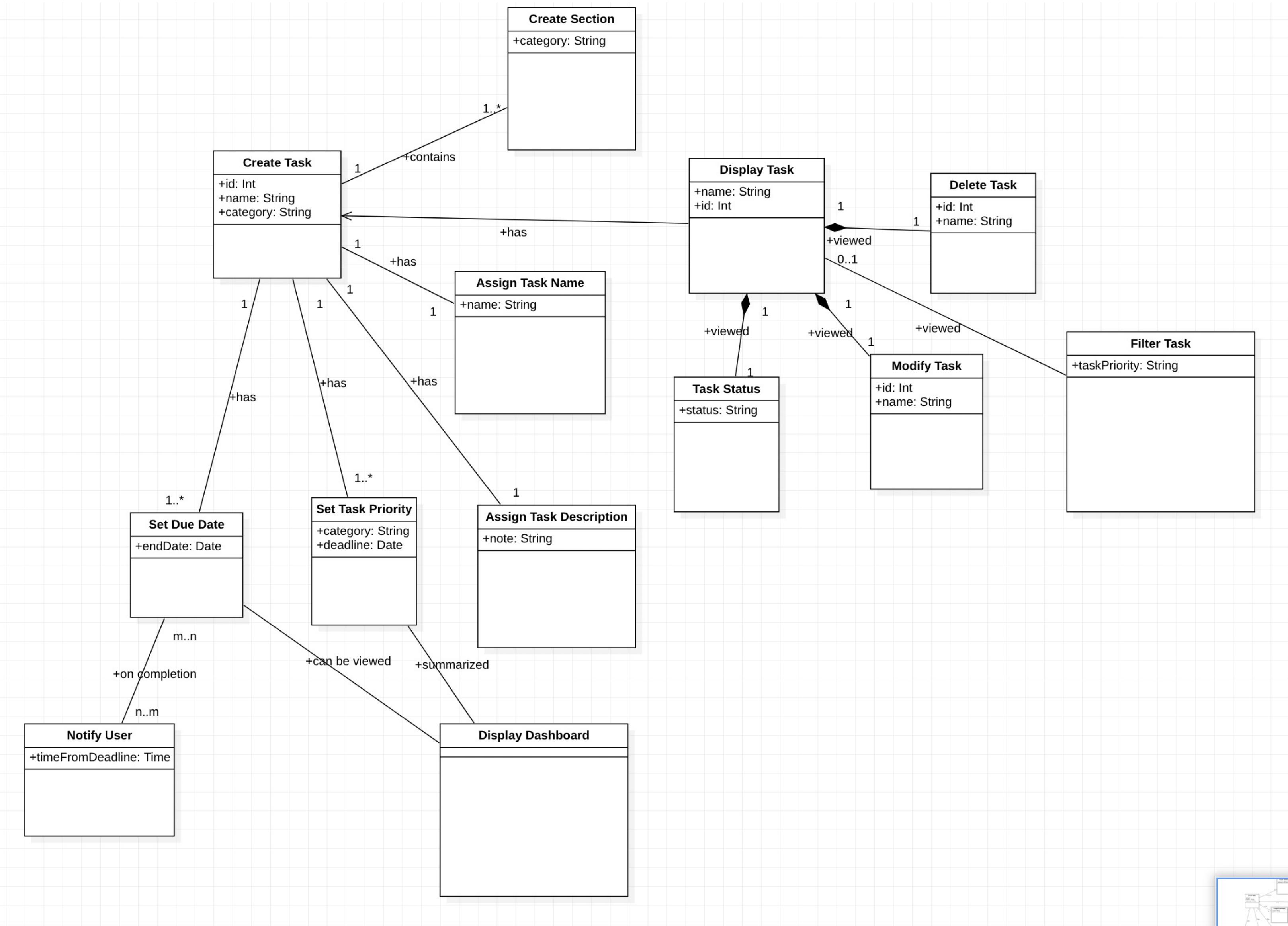
Use Case	Priority	Efforts(in terms of person)	Depends on	Assigned to	Iteration 1 (3/11/2022)	Iteration 2 (04/08/2022)	Iteration 3 (05/02/2022)
UC-1	6	1	None	PS		1	
UC-2	4	1	UC-1	PS		1	
UC-3	8	3	UC-1	AS		2	1
UC-4	2	2	UC-1	PP		2	
UC-5	2	1	UC-1	PM		1	
UC-6	2	4	UC-1	PP		2	2
UC-7	9	3	UC- 1, 6	YK		1	2
UC-8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

Domain Model





Summary

- ▶ Topics that we have discussed so far:
 - Brief Project Description
 - Project requirements
 - Derived Use Cases
 - Requirements Use Case Trace Matrix
 - Incremental matrix
 - Domain Model



Q & A Time

- ▶ Shoot some questions but do not kill us!



THANK YOU!