

**M.O.R.T (My Online Resource Terminal)**

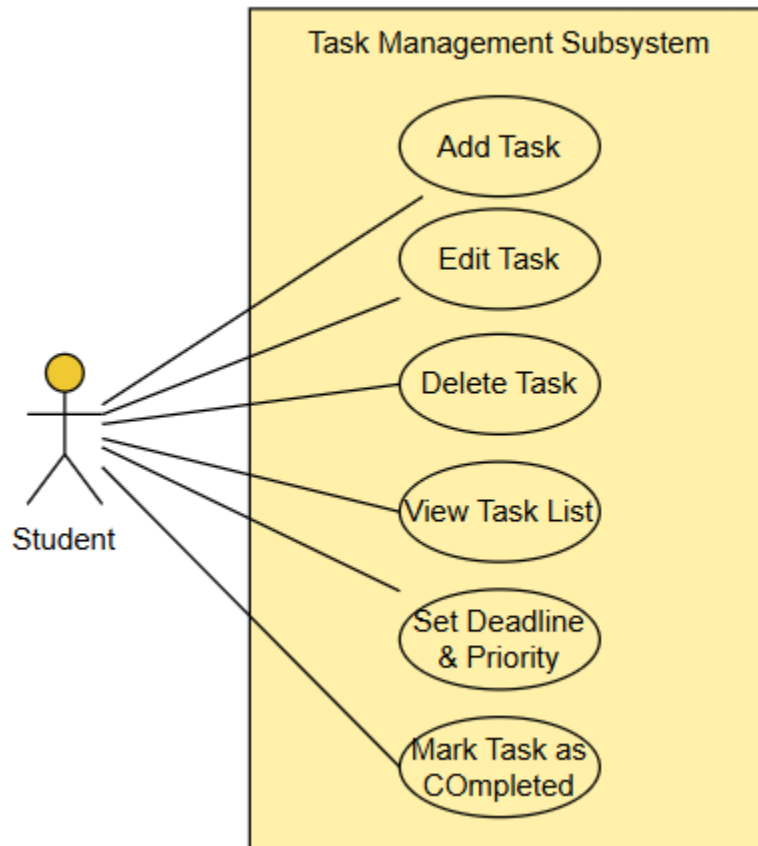
**Assignment D2-1: Identify a few use cases that apply to one subsystem.**

Use Case	Description
<b>Log In / Sign Up</b>	User authenticates to access personal content.
<b>Add Task</b>	User creates a new task with due date and priority.
<b>Edit/Delete Task</b>	User updates or removes an existing task.
<b>View Task List</b>	User sees all tasks sorted by category or due date.
<b>Add Note</b>	User writes a note or pastes text from a lecture.
<b>Edit/Delete Note</b>	User modifies or removes notes.
<b>Upload PDF</b>	User uploads PDF file for text extraction.
<b>Summarize Note or PDF</b>	AI generates a summary of the uploaded content.
<b>Generate Quiz from Notes</b>	AI converts a note into quiz questions.

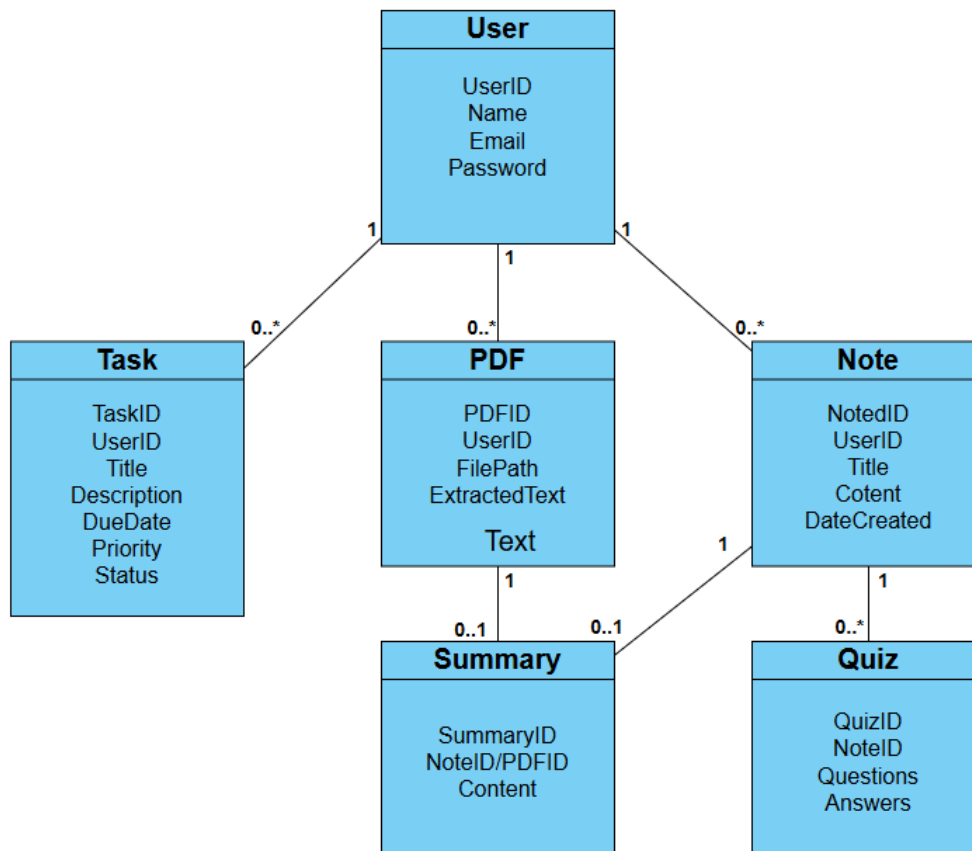
**Assignment D2-2: Try to identify the classes that apply to the first project iteration.**

Class Name	Attributes
<b>User</b>	UserID, Name, Email, Password
<b>Task</b>	TaskID, UserID, Title, Description, DueDate, Priority, Status
<b>Note</b>	NoteID, UserID, Title, Content, DateCreated
<b>PDF</b>	PDFID, UserID, FilePath, ExtractedText
<b>Summary</b>	SummaryID, NoteID/PDFID, Content
<b>Quiz</b>	QuizID, NoteID, Questions (array), Answers (array)

**Assignment D2-3: Create a simple use case diagram from the list of use cases.**



**Assignment D2-4: Create a simple class diagram from the list of classes.**



**Documentation:**

