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Task Reminder App

Task Reminder App

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Proof-of-Concept Assessment Report
<Group Name here>



Model Introduction

Model Specification>Documentation

Author: Mattia.

Created: 24/10/22 4:15 PM.

Title: Task Reminder App.

Comment:

This is the model Task Reminder. The scope of this system is to give the user a way to automatically add everyday tasks to a calendar and to organize them in small tasks to complete throughout the week. The user should be able to see and edit tasks in both an easy way (visual way through suggestions of the system) and with more detail (through editing directly a file). A generic use case for this service has been generated showing minimum functions and the actors able to interact with this system. The system should be able to export the processed data to a Third Party Calendar to enhance the flexibility of the service. This model is of moderate complexity and detail.

All Project Diagrams

1. PoC Use Case

Diagram Specification>Documentation

In: Proof of Concepts.Functions.PoC Use Case

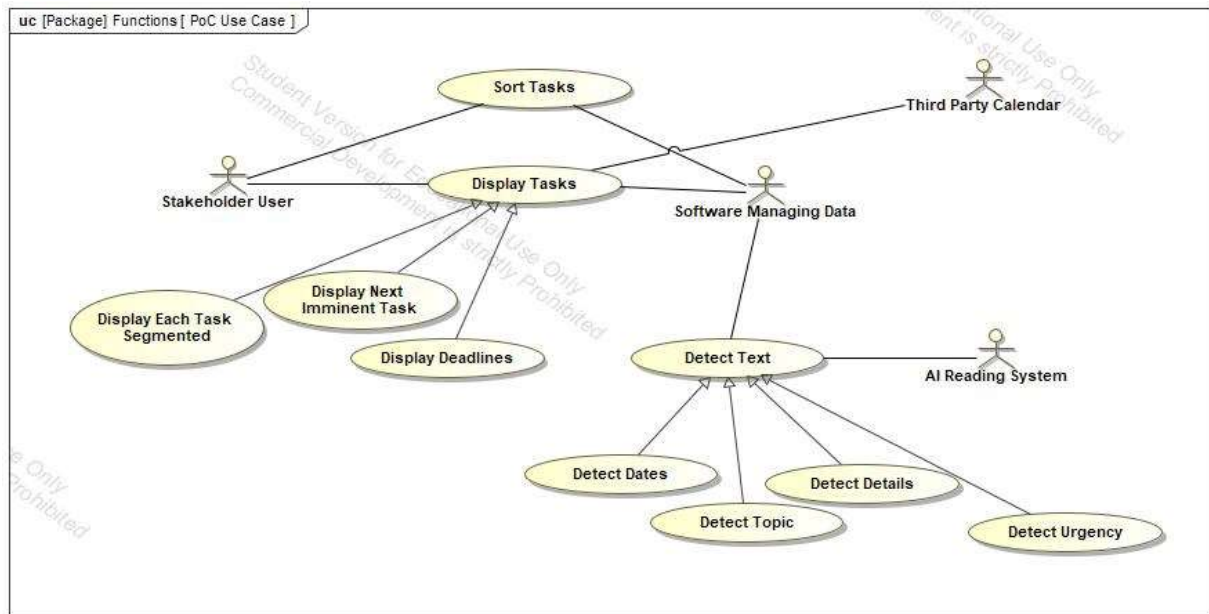


Figure 1 Diagram PoC Use Case

2. PoC Blocks

Diagram Specification>Documentation

In: Proof of Concepts.Architectures.PoC Blocks

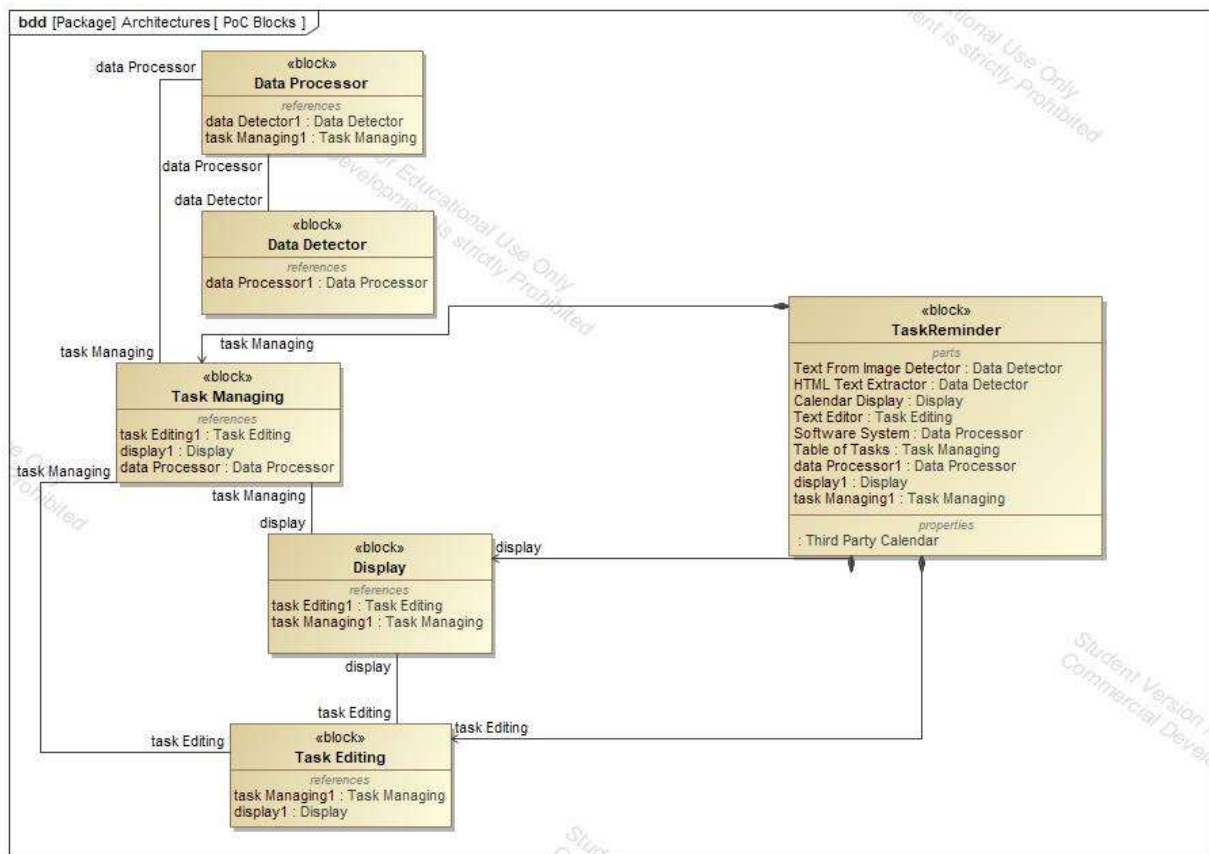


Figure 2 Diagram PoC Blocks

3. TaskReminder

Diagram Specification>Documentation

In: Proof of Concepts.Architectures.TaskReminder.TaskReminder

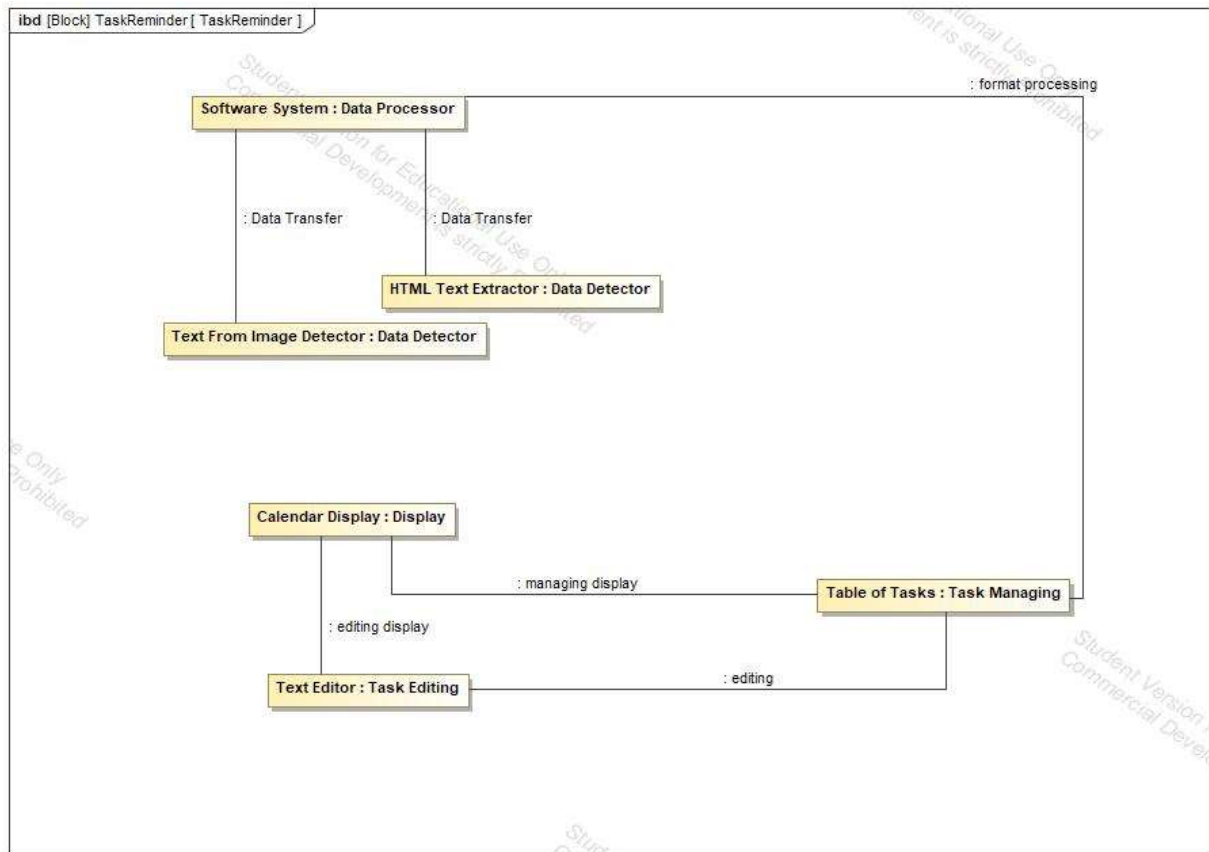


Figure 3 Diagram TaskReminder

4. Proof of Concepts

Diagram Specification>Documentation

In: Proof of Concepts.Proof of Concepts

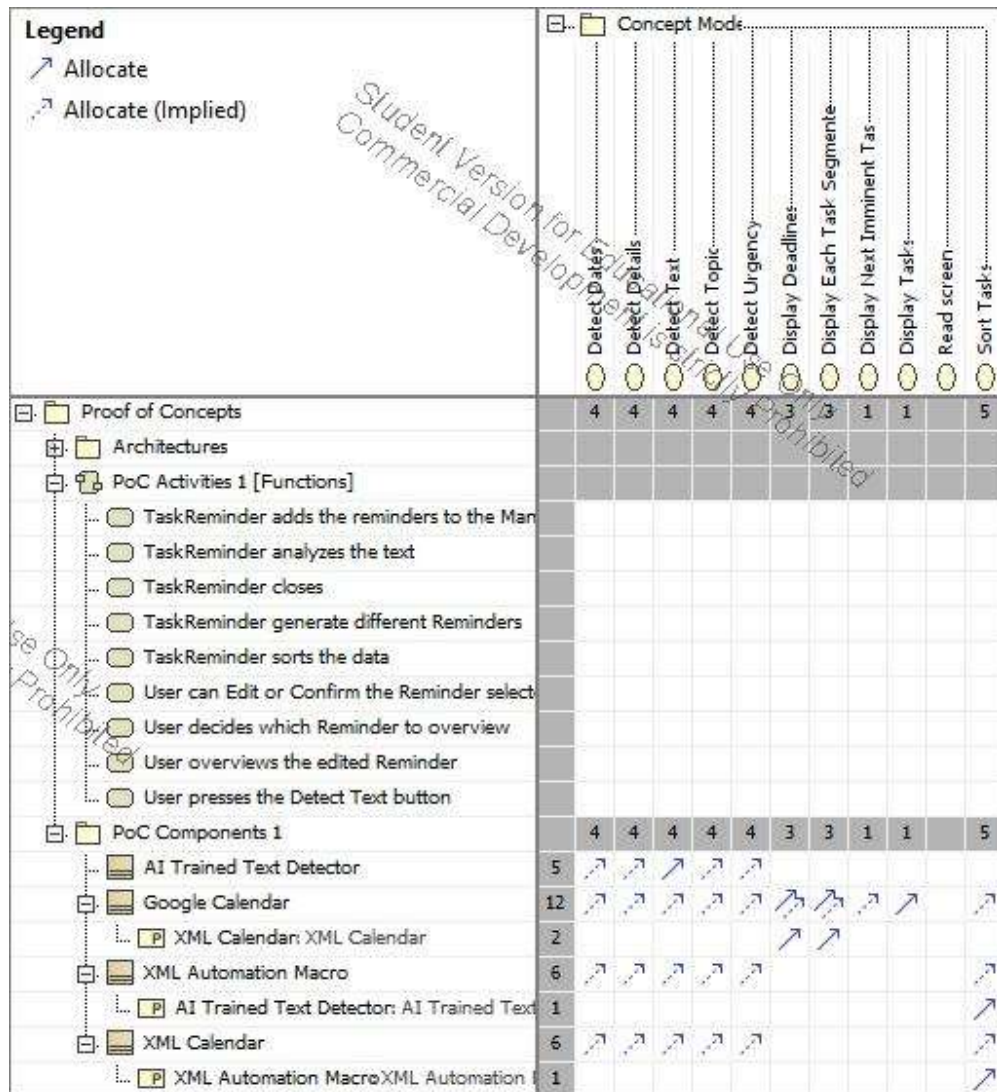


Figure 4 Diagram Proof of Concepts

5. PoC Activities 1

Diagram Specification>Documentation

In: Proof of Concepts.Functions.PoC Activities 1.PoC Activities 1

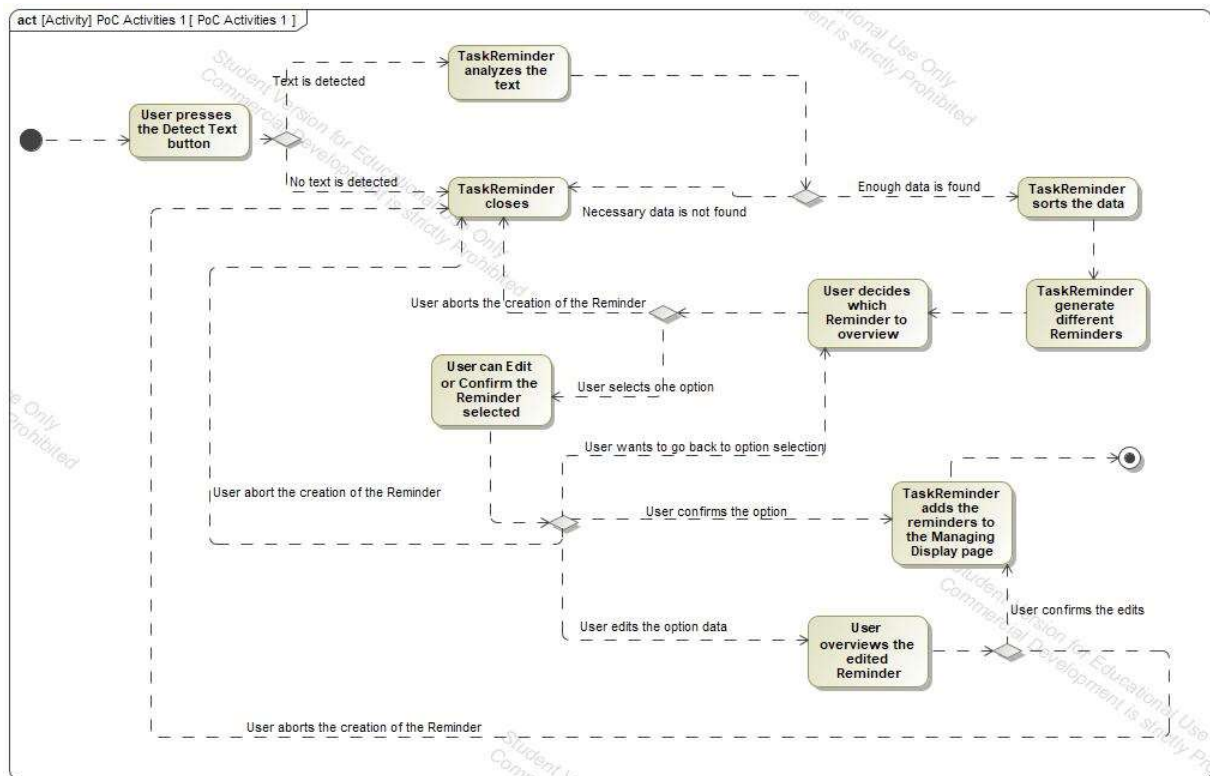


Figure 5 Diagram PoC Activities 1

6. Concept Model

Diagram Specification>Documentation

In: Concept Model.Concept Model

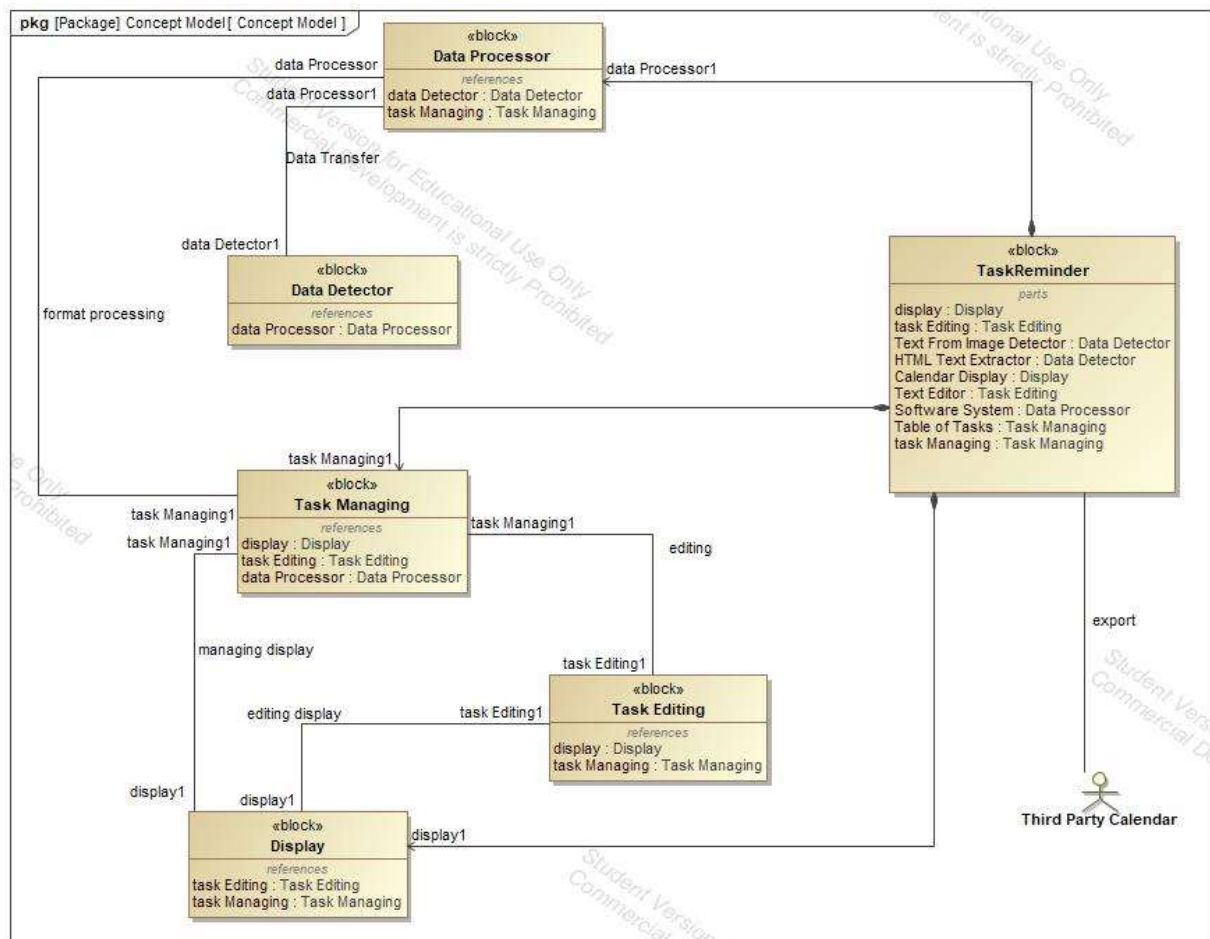


Figure 6 Diagram Concept Model

7. PoC Model 1

Diagram Specification>Documentation

In: Proof of Concepts.PoC Model 1

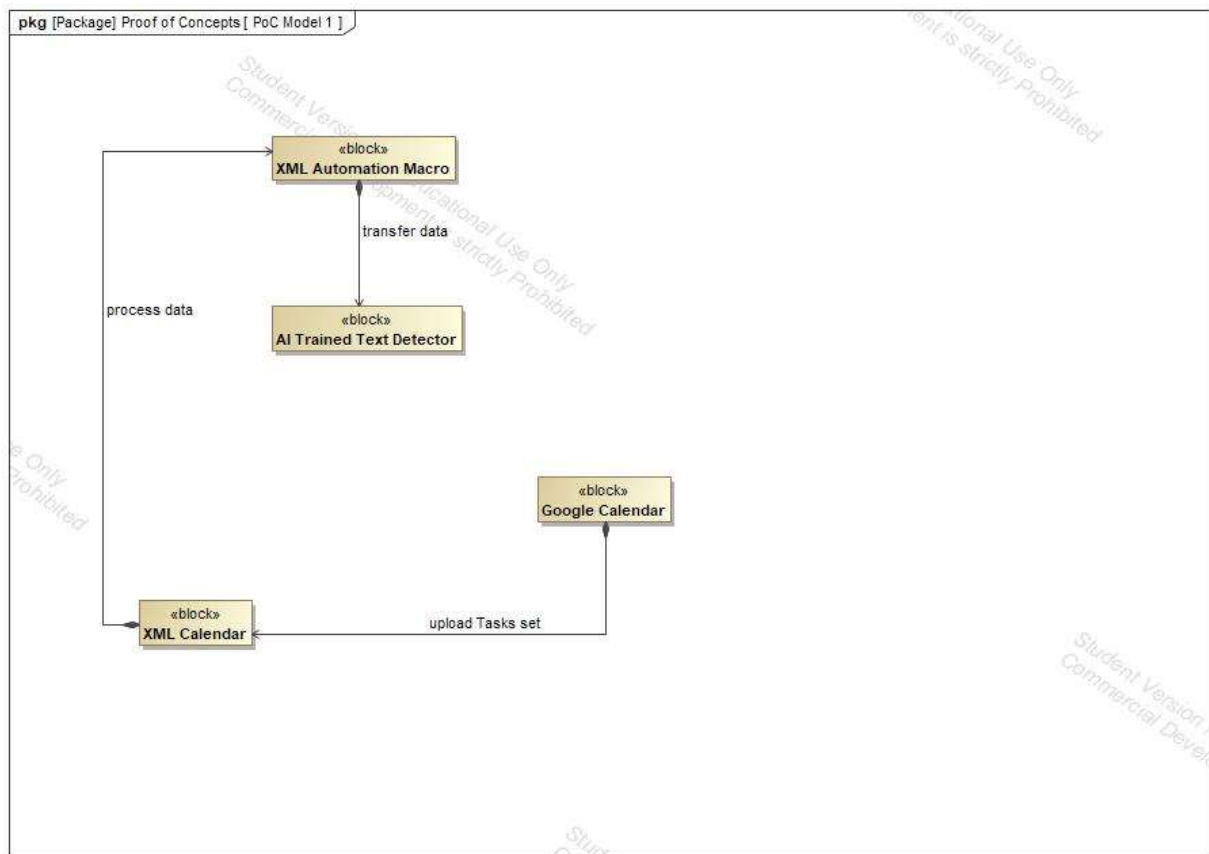


Figure 7 Diagram PoC Model 1

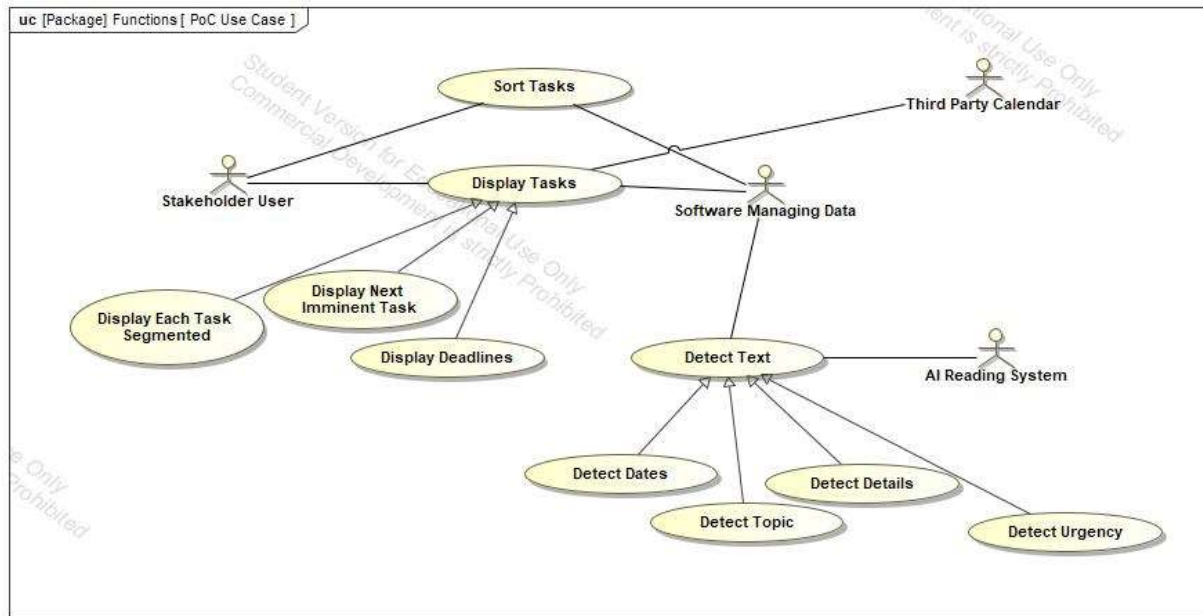
Concept Use-Cases

UseCase
Detect Dates
Detect Details
Detect Text
Detect Topic
Detect Urgency
Display Deadlines
Display Each Task Segmented
Display Next Imminent Task
Display Tasks
Sort Tasks

Actor Summary

Primary Actor	Use Cases
AI Reading System	<ul style="list-style-type: none">• Detect Text
Software Managing Data	<ul style="list-style-type: none">• Detect Text• Display Tasks• Sort Tasks
Stakeholder User	<ul style="list-style-type: none">• Display Tasks• Sort Tasks
Third Party Calendar	<ul style="list-style-type: none">• Display Tasks

Use Case: PoC Use Case Diagram



Detect Dates Use Case

Use Case Name	Detect Dates	ID	
Complexity	Average Complexity		
Description	The system searches for dates.		
Actors	See parent class for actor associations		
Goal			
Assumption	No assumption for this use case.		
Non Functional Requirements	No non-functional requirement for this use case.		

Relations	
Association	No direct association to this use case. Check the parent use case (see Generalization below.)
Generalization	<ul style="list-style-type: none"> Detect Text UseCase

Detect Details Use Case

Use Case Name	Detect Details	ID	
Complexity	Average Complexity		
Description	The system searches for additional information to add to the Reminder, that could be useful as a guideline to complete the Task.		



Actors	See parent class for actor associations
Goal	
Assumption	No assumption for this use case.
Non Functional Requirements	No non-functional requirement for this use case.

Relations	
Association	No direct association to this use case. Check the parent use case (see Generalization below.)
Generalization	<ul style="list-style-type: none"> Detect Text UseCase

Detect Text Use Case

Use Case Name	Detect Text	ID	
Complexity	Average Complexity		
Description	The AI Reading System detects the text on the screen. It searches for Dates, Topic, Urgency and additional Details.		
Actors	<ul style="list-style-type: none"> AI Reading System Software Managing Data 		
Goal			
Assumption	No assumption for this use case.		
Non Functional Requirements	No non-functional requirement for this use case.		

Relations	
Association	<ul style="list-style-type: none"> AI Reading System Actor Read screen UseCase Software Managing Data Actor
Generalization	

Detect Topic Use Case

Use Case Name	Detect Topic	ID	
Complexity	Average Complexity		
Description	The reading system detects the topic of the text to set a name for the Reminder.		
Actors	See parent class for actor associations		
Goal			
Assumption	No assumption for this use case.		
Non Functional Requirements	No non-functional requirement for this use case.		

Relations	
Association	No direct association to this use case. Check the parent use case (see Generalization



	below.)
Generalization	<ul style="list-style-type: none"> Detect Text UseCase

Detect Urgency Use Case

Use Case Name	Detect Urgency	ID	
Complexity	Average Complexity		
Description	The system searches for text related to the urgency of the Task.		
Actors	See parent class for actor associations		
Goal			
Assumption	No assumption for this use case.		
Non Functional Requirements	No non-functional requirement for this use case.		

Relations	
Association	No direct association to this use case. Check the parent use case (see Generalization below.)
Generalization	<ul style="list-style-type: none"> Detect Text UseCase

Display Deadlines Use Case

Use Case Name	Display Deadlines	ID	
Complexity	Average Complexity		
Description			
Actors	See parent class for actor associations		
Goal			
Assumption	No assumption for this use case.		
Non Functional Requirements	No non-functional requirement for this use case.		

Relations	
Association	No direct association to this use case. Check the parent use case (see Generalization below.)
Generalization	<ul style="list-style-type: none"> Display Tasks UseCase

Display Each Task Segmented Use Case

Use Case Name	Display Each Task Segmented	ID	
Complexity	Average Complexity		
Description			
Actors	See parent class for actor associations		



Goal	
Assumption	No assumption for this use case.
Non Functional Requirements	No non-functional requirement for this use case.

Relations	
Association	No direct association to this use case. Check the parent use case (see Generalization below.)
Generalization	<ul style="list-style-type: none"> Display Tasks UseCase

Display Next Imminent Task Use Case

Use Case Name	Display Next Imminent Task	ID	
Complexity	Average Complexity		
Description			
Actors	See parent class for actor associations		
Goal			
Assumption	No assumption for this use case.		
Non Functional Requirements	No non-functional requirement for this use case.		

Relations	
Association	No direct association to this use case. Check the parent use case (see Generalization below.)
Generalization	<ul style="list-style-type: none"> Display Tasks UseCase

Display Tasks Use Case

Use Case Name	Display Tasks	ID	
Complexity	Average Complexity		
Description	The Display Tasks page allows the user to overview all the added Reminders. The User can edit every Task added. The Display Tasks page is similar to a calendar.		
Actors	<ul style="list-style-type: none"> Software Managing Data Stakeholder User Third Party Calendar 		
Goal			
Assumption	No assumption for this use case.		
Non Functional Requirements	No non-functional requirement for this use case.		

Relations	
Association	<ul style="list-style-type: none"> Software Managing Data Actor Stakeholder User Actor



	<ul style="list-style-type: none">• Third Party Calendar Actor
Generalization	

Sort Tasks Use Case

Use Case Name	Sort Tasks	ID	
Complexity	Average Complexity		
Description	The Managing Data Software will manage the Tasks detected and sort them based on Urgency and Deadlines from Dates.		
Actors	<ul style="list-style-type: none">• Software Managing Data• Stakeholder User		
Goal			
Assumption	No assumption for this use case.		
Non Functional Requirements	No non-functional requirement for this use case.		

Relations	
Association	<ul style="list-style-type: none">• Software Managing Data Actor• Stakeholder User Actor
Generalization	