Training Session: "Meeting Scheduler" (value@GRL method)

Participant ID:…………

Date:…………………………….

This activity aims at **creating a value model** following the procedure indicated in the value@GRL method.

Read the following statement that describes the situation of an organization and perform the tasks listed below.

Fill in the Start time (hh: mm) __: __

Statement

Imagine that you are a business consultant and need to define a **value model using the value@GRL method** for a meeting management system called Meeting Scheduler.

The Department of Computer Science needs a computer based meeting management system to support the organization of internal meetings. This management system called Meeting Scheduler must determine the first available date for the proposed meeting where most of the participants can attend.

The initiating meeting person, who starts the meeting, has as main goal of organizing a meeting. This person, through the system, should ask all potential participants for their availability in a range of dates. The initiator wants the meeting to be organized as quickly as possible (as soon as possible) and with little effort (minimizing communication with the potential participants).

The Meeting Scheduler system should schedule meetings taking into account the available date ranges of potential participants. The Meeting Scheduler should ask participants what are their availability preferences in the range of dates provided by the initiating meeting person. Once these dates are obtained, the Meeting Scheduler must find the first available date (proposed date) where most of the participants can attend. The Meeting Scheduler will communicate this date to potential participants and will wait for participants to approve it.

From the participant's point of view, your goal is to attend the meeting and he/she would like that the proposed meeting date suit his/her availability (be convenient). To attend the meeting, the participant must schedule the meeting. For the participant, the use of the Meeting Scheduler (when indicating their availability preferences for dates and when approving the proposed meeting date) should be easy to use and therefore it should reduce the effort to schedule the meeting. In addition, the use of this system by the participant reduces the human interaction with the initiating meeting person, thus reducing the expressiveness of the communication channel, but increasing the overall quality (and efficiency) of the meeting management in order to find suitable dates for participants.

Fill in the Finish time (hh: mm) __: __

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Tasks

Participant ID:…………

Fill in the Start time (hh:mm) __: __

1. **Definition of actors**: The objective of this task is to define the relevant actors for the business activity.

   In the *drawing sheet*, draw the actors involved in this context (main actor, external actors, and the system actor).

2. **Modeling of intentional elements**: The objective of this task is to define the intentional elements of the main actor and the external actors (goal, soft-goals, and tasks).

   In the **drawing sheet** you must:

   a. Identify and draw the intentional elements of the main actor. Draw the intentional elements (goal, soft-goals, and tasks) within the boundary of the main actor.

   b. Identify and draw the intentional elements of external actors. Draw the intentional elements (goal, soft-goals, and tasks) within the boundary of each of the external actors.

3. **Modeling relationships**: The purpose of this task is to define the links between the intentional elements within the boundary of the main actor and the external actors. Not the system actor.

   In the **drawing sheet** you must:

   a. Identify and draw the links between intentional elements of the main actor. Draw the links (contribution and decomposition) between the intentional elements within the border of the main actor.

   b. Identify and draw the links between intentional elements of external actors. Draw the links (contribution and decomposition) between intentional elements within the boundary of external actors.

4. **Modeling the system actor and its links**: The objective of this task is to define the intentional elements of the system actor, the relationships between its intentional elements, and also the dependency links with the other actors.

   In the **drawing sheet** you must:

   a. Identify and draw the intentional elements of the system actor. It must take as a reference the intentional elements of the other actors (main and external) to define the intentional elements (goal, soft-goals, and tasks) within the boundary of the system actor. Thus, the system actor can satisfy the intentions of the main actor taking into account the intentions of the external actors.

   b. Identify and draw the relationships between the intentional elements of the system actor. Draw the links (contribution and decomposition) between the intentional elements within the boundary of the system actor.

   c. Identify and draw the dependency links of the system actor and the other actors. Draw the dependency links between the intentional elements of the system actor and the intentional elements of the other actors.

Fill in the Finish time (hh:mm) __:__

Participant ID:…………

Drawing Sheet

LEGEND

Actors	Intentional Elements	Links
Actor	Goal	Contribution Dependency Decomposition
	Soft-Goal	
	Task	

Contribution + −

Dependency

Decomposition And Or Xor