Acitivity 1 - Definition

Delivery of Activity 1. Hard deadline: November 9, 2015, 23:55h. Just one delivery per group, including report and slides.

Oral presentation for this Activity 1 on November 11, 2015, in the lab session.

Before submitting a report, each member of your group must choose the lab group.

First Activity

Goal
First analysis of the practical exercise: environment, agent architecture, agent properties.

Description
In this activity, the groups must study the theoretical concepts described in the first lectures and relate them to the practical exercise of the MAS course.

First, each group has to analyze the characteristics of the environment that the practical exercise presents:

- Accessible or inaccessible.

- Deterministic or non-deterministic.

- Episodic or non-episodic.

- Static or dynamic.

- Discrete or continuous.

Finally, each group has to analyze also the properties that each type of agents in the practical exercise must incorporate in order to fulfill all their objectives, based on their architecture and the environment characteristics. For example, you can indicate if an agent requires learning or pro-activeness capabilities to achieve certain goal.

In summary, the following aspects will be evaluated in this activity:

- Written report detailing the study and analysis of:

    - Characteristics of the environment.

    - Best kind of architecture to apply to each type of agents.

    - Properties that should be exhibited by each type of agents.

- Oral presentation (in English, 10 minutes)

Last modified: Monday, 19 September 2016, 12:16 AM