INTELLIGENT DECISION SUPPORT SYSTEMS
(Master in Artificial Intelligence, UPC-URV-UB)

Fall semester

Practical Work 2 (PW2, Individual work)

Modelling a decision-making process in a concrete domain

The objective of this exercise is to model a set of decisions involved in a decision-making process of a complex domain.

Tools which can be used are *influence diagrams* or *decision trees*.

The domain must be chosen by the student, provided that at least 7 events or decisions are involved in the decision model.

Students must deliver **a PDF file** named as "PW2-IDSS-YearCourse-FirstName-LastName, **through the "Racó de la FIB" by D2.1**, which must contain a document with the following information:

1) Information about the chosen domain to give contextual knowledge about it and to fully understand the problem and decisions involved in the presented scenario.
2) List of decisions involved in the scenario
3) A chart with the graphical model of the decisions involved in the scenario, which must be either an *influence diagram* or a *decision tree*.
4) Specific comments about the model, to clarify what is not evident for the reader.
5) Any other information that the student wants to provide to better understand the model.

Qualification
Several items will be taken into account for the qualification of this work: the correctness and accuracy of the graphical decision model used, the information and explanations about the graphical decision model and the context of the scenario, and the capacity of text writing.