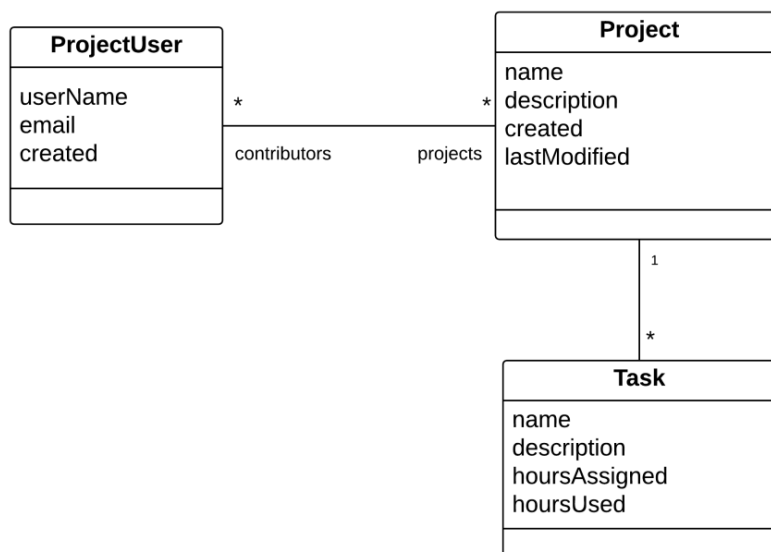# Persistence with JPA

General part

- Describe how you have handled persistence in the last three semesters.
- The considerations should include all relevant layers. File IO, Relational Databases, local storage and cookies in browsers.
- Discuss the logical data model in this perspective

Practical part

The model below is an initial model for a system than can handle *Users* and *Projects* assigned to *Users* (contributors to the project). A project can have a number of assigned *Tasks*.

1) Examine and understand the diagram. Use Object Relational Mapping (using JPA) to implement the OO classes and the corresponding Database Tables.

2) Create a façade class and implement as many of the methods below as you have time for (not necessarily in the order given):
   - Create user
   - Find user
   - Get all users
   - Create project
   - Assign user to project
   - Find project
   - CreateTaskAndAssignToProject
   - Etc.