Project 1: Facility Management System Design and Implementation

Project Description:

In this project, we will start providing an object domain model for Facility Management System by addressing the design and implementation using OOP. The aim is to have a domain model that is designed using OOP that will be used to study Object relationship and Dependency.

Based on the specification provided for a Facility Management System:
- Identify the main entitles of the problem domain.
- Identify their attributes.
- Identify their relationships.
- Identify their roles and responsibilities.
- Discover other objects that facilitate implementing responsibilities.
- Make available all client interfaces/services specified in the specification document (Facility, Facility Use, and Facility Maintenance Client Interfaces).

Supporting documents:
- Requirement – Facility Management System Specification Document.
- Object Modeling (http://www.ibm.com/developerworks/rational/library/content/RationalEdge/sep04/bell/)
- A UML Modeling Tool for documentation

Project Expectation:
- Group (only two students in a group) executed project
- Submission of Design and Code
- Submission of your DB table structure/model

Project Submission and Grading:
- 15% of total grade
- Submit the UML model of the Domain Model
- Submit the location of your solution for the implementation
- Submit both to TA and Instructor

Project Due Date:
- Submission of Design and Implementation - EOD 02/24/2019