



İTÜ
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Object Oriented Modeling and Design 2nd Assignment

Question:

Assume that you have to design “library automation software”. Consider the following operations:

- An authorized employee in the library can add new media (book or film) to the library.
- An authorized employee can change the rules about the loan service (the number of items to be borrowed or the durations).
- The user can borrow or return items using the Self-Service machine. Please refer to the use case in the 1st assignment.

Analyze the system and create the **domain model** only related to these operations. Draw the model as a **UML class diagram**.

You don't need to give use cases for a) and b).

SUBMISSION:

- Prepare your solution as a file(s) only in pdf or jpg format. You may split your drawing in separate pages and create more than one files. In this case you have to combine them in a zip file.
- Upload the file (pdf, jpg, zip) to Ninova until **23.00 on 6 March 2016, Sunday**. Late submitted assignments are not accepted.
- Cheating and plagiarism** will not be tolerated. If cheating is discovered, disciplinary policy of the university will be applied and all responsible students will be punished.
It is allowed to discuss how to solve a problem with your classmates; however, **this assignment is not group homework. The actual solution should be an independent effort.**