



İTÜ
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Object Oriented Modeling and Design 2nd Assignment

Question:

Assume that you have to design an automation software system for an airline company. Consider the following operations:

- Web-based, on-line ticket booking operation. Please refer to the use case in the 1st assignment.
- User can list the reservations/bookings and select the seat.
- User can cancel a reservation.
- An authorized employee in the airline company can assign an airplane to a flight.

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

You do not need to submit use cases.

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 jpg 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 8 March 2020, Sunday**. Late submitted assignments are not accepted.
- Cheating** will not be tolerated. Any cheating is subject to the University disciplinary proceedings.
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.**