



İTÜ
Computer Engineering Department
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Object Oriented Modeling and Design 1st Assignment

Problem:

Assume that you have to develop an automation software system for an airline company.

Write the use case only for the web-based, on-line **ticket booking operation**. Other uses cases in this system may be reissue, cancellation/refund, or on-line check in; but they are not considered in this assignment.

You can examine and consider the system used by the Turkish Airlines:

<https://www.turkishairlines.com/>

- Do not consider the user interface design. How data is entered and presented is not important in this assignment.
- You do not need to consider the frequent flyer program.
- Do not consider extra operations such as seat selection and meal request. Focus on ticket booking.
- Payment is made only by a credit card.
- Consider all other possible alternatives.
- Prepare the use case in a text form as a Word or pdf file.

You will have two weeks for this assignment; however next week the second assignment will also be announced (analysis of the same system), so that you can work on both related assignments.

SUBMISSION:

- Upload the file (docx or pdf) to Ninova until **23.00** on **1 March 2020, Sunday**.
- Late submitted assignments are not accepted. Please do not send useless e-mails.
- **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 a group-homework. The actual solution should be an independent effort.**