GIT Department of Computer Engineering
CSE 222/505 - Spring 2018
Homework 01
Due date: March 05 2018 – 23:50

SCENARIO:

- Design and implement a simple hotel management system.
- The hotel holds only rooms.
- The management system's users are receptionist and hotel guests. System users will log in to the system as either receptionist or hotel guests.
- Hotel guests can book a room or cancel reservation. Receptionist can book a room, cancel a room, check in and check out.
- Use csv files to keep records.

RESTRICTIONS:

- Can be only one main class in project.
- Don't use any other third part library.

GENERAL RULES:

- For any question you have firstly use course news forum in moodle, and then the contact TA.
- You can submit assignment one day late with the penalty of twenty percent (%20).
- Submission file = StudentID.zip, this file must be include report.pdf and intelliJ project file.
- Homework = Report Part + Implementation Part + Javadoc Part

1. Report Part
    - the report must be in format "ReportFormat.doc".
    - reports outside this format will not be evaluated.
    - assignments that do not have a report will not be evaluated.

- the report will be 30 points out of 100.

2. Implementation Part
    - the codes must be run at intelliJ on the given VM. (VM will be added.)
    - intelliJ version = 2017.3.4, jdk = 8
    - uncompiled code will not be evaluated.
    - this part must be include source codes and test codes.
    - Implement clean code standards;
        - Classes, methods, and variables names must be meaningful and related with the functionality.
        - Your functions and classes must be simple, general, reusable and focus on one topic.
    - the implementation will be 70 points out of 100.

3. Javadoc Part
    - add all javadoc documentations for classes, methods, variables …etc. all explanation must be meaningful and understandable.
    - use standard java code name conventions.

GRADING:

```
Cheating                    : -200
No OOP design               : -100
No report                   : -100
Disobey restrictions        : -100
No method overriding        : -95
No inheritance              : -95
No interface                : -95
No polymorphism             : -95
No error handling           : -50
No javadoc documentation    : -50
```


CONTACT:

Fatma Nur Esirci (fesirci@gtu.edu.tr)