

**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, 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 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:

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