

Assignment Guidelines

- Validation of user input is very important
- This is an Individual Java assignment
- Use only Java text file to store data
- Submit on 18th November 2019 before 5 pm (Submission counter, Admin office, APU New Campus Level 4)
- Upload (before 19th November 2019) your system (in a zip file) to your Google drive / dropbox / ...
 - Email me the link before 19th November 2019
- Only present the version you have submitted

Report 10%

- Course Submission and Feedback Form (admin office at Level 4)
- Cover
 - Name and TP number
 - Module code and name
- Table of content & page numbering
- System assumption
- Use case diagram with descriptions 10%
- Class diagram 10%
- System documentation 20%
- Reference list
- CD – two folders for
 - softcopy of report
 - system in a zip file

Use case diagram with descriptions 10%

- one use case diagram
- use case scenario and specification for each use case

Class diagram 10%

System documentation 20%

- User manual
- Discussion of at least 4 applied object oriented concepts with sample code from your system
- Discussion of at least 2 additional features

Presentation 10%

- Present on time
- Able to modify your code based on request
- Able to answer questions

System 40%

1. Manager 20%

- a. Add / edit / search / delete all users
 - i. Predefined manager
 - ii. Staff – name, identity card number, department, email address, phone number, mailing address
 - iii. Customer – name, identity card number, email address, phone number, mailing address
- b. Set and edit the price for normal service and major service
- c. Help customer to do booking when there are available technicians
 - i. Normal service 1 hour
 - ii. Major service 3 hours
- d. Assign the appointment to available technician
- e. Generate receipt and collect payment from customer at the end of the appointment
 - i. When the technician said the appointment is done

2. Technician 10%

- a. Edit individual profile
- b. Check individual assigned appointments
 - i. Indicate when the appointment is completed
 - ii. Provide feedback to customer
- c. Access individual rating from customer

3. Customer 10%

- a. Edit individual profile
- b. Access individual service and payment histories
- c. Access individual service feedback
- d. Rate the technician