

**Project Guidelines****IT2030 – Object Oriented Programming****Semester 1, 2020**

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In this assignment you are going to develop a web application using Java web based technologies. This is a group project. You have to work on the system that you have assigned in SE module. The system you develop must have:

1. Basic functions which any website must have. (Ex- Logging, search, validations)
2. Special functions which is specific to the selected topic.
3. A database with minimum 4 tables.
4. Your code should use the coding standards mention in the OOP page and use proper identifier naming conventions.

It is enough to have simple functionalities such as insert, modification, deletion etc. Each member should implement CRUD (insert, select, update and delete) functions. You must connect the system to a database and store the details. During the viva session, you should have at least 5 sample realistic records in each table.

**YOU MUST DEVELOP YOUR SYSTEM IN A WAY THAT IT WORKS INSIDE THE LABS DURING VIVA SESSION OR YOU ARE ALLOWED BRING THE SYSTEM INSTALLED IN A LAPTOP.**

**Deliverables**

- You must submit all the source codes (.java) and any other necessary files. □ Follow the links in course web to upload the source files.

**VIVA (Planned to be held during 13<sup>th</sup> Week)**

- Every student must demonstrate the program and explain the codes during viva sessions.
- Refer the course web for dates and times (schedule) for viva sessions.
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**Important points**

- This is a group assignment, you are expected to work on this assignment as a group.
- Late submissions are not accepted.

**Faculty of Computing Policy on Academic Integrity**

Faculty of computing values and trusts that its students will act with intellectual honesty in their all academic endeavors. Academic integrity policy of the Faculty of Computing, SLIIT expects all academic work of students submitted for grading to be original. Students are expected to be responsible, understand the intellectual rights of others and acknowledge that they are indebted to intellectual work of others whenever their academic work is derived from work of others. Plagiarism,

collusion, cheating and fluctuation are considered as breaches of academic integrity and thus, are considered as serious offences. Students who are found to have breached academic integrity as above will be subject to penalties according to the sentences of the offense.