ISIT307 S1, 2023
Assignment #2
Due: 10:00 pm Sunday 20th February 2023
Marks: 25 marks (25%)

The purpose of this assignment is to create an interactive website by using Objectoriented PHP and MySQL Database.

Aims

In this assignment, you will need to develop a dynamic website, "**My Online Subject Enrolment System**".

The website offers online subject enrolment services to students. It has three types of users, i.e., Administrator, Educator and Student users. All types of users should have options to register or login into the system.

The Administrator user can: Insert subjects into the system, View the subjects, Search for a subject, Edit a subject and Remove a subject. The Administrator should be able to list all subjects, including the active, inactive, and removed subjects.

The Educator user can: Teach/, View his/her teaching subjects, Search for an enrolled student. The Educator should be able to list his/her teaching subjects and students (both active and withdrawn students) of subjects.

The Student user can: Search for a subject, Enrol in a subject, and Withdraw from a subject. The Student user can check the subject-related information, such as subject name, code, lecture date/time, lecturer name, and lecture venue. However, student users can't check other students' information.

For Administrator, there should be information about Staff ID, Name, Phone, email and position. For Educator, there should be information about Staff ID, Name, Phone, email and teaching subjects. For Student, there should be information about Student ID, Name, Phone, email and enrolled subjects. For every subject, there should be information about: Subject Code, Name, Lecturer, Venue, and Student Number.

When searching the subjects or the students, there should be options to search by an individual item, such as ID, Name, email and etc, or by a combination of multiple items. The entered information for the searching purpose needs to be validated in the PHP script.

Requirements

1. Design Requirements

The website should have interfaces for:

- Register/Login the users;
- Insert subjects;
- Search subjects (by an individual/a combination of items);
- List all subjects;
- List all active/inactive/removed subjects;
- Search students (by an individual/a combination of items);
- Enrol in a subject;
- Withdraw from a subject; - Teach a subject; - Not teach a subject.

2. Functionalities

- All users should be able to register into the system;
- All users should be able to login into the system;
- All users should be able to logout;
- The *Administrator* should be able to insert subjects into the system;
- The *Administrator* should be able to list: all, active, inactive, and removed subjects;
- The *Administrator* should be able to change the status (active, inactive, removed) of the subjects;
- The *Educator* should be able to teach/not teach a subject;
- The *Educator* should be able to list: all available and withdraw students of a teaching subject;
- The *Student* should be able to enrol in a subject; - The *Student* should be able to withdraw from a subject; - The *Student* should be able to list all enrolled subjects.

3. Other Expectations

- The students should create classes and database with tables based on the requirements of the assignment;
- The website should have good interfaces and navigation thru the given options.

<u>Submission</u>

1. Prepare a report that has: header

   My name:

My student number:

My email address:

Assignment number:

Any requirements, remarks, or readme for your website. The report should also include a list of the website's files, a brief description of each file and class, and a short description of the database tables. A user manual must be included showing the screenshot of each web page with instructions and descriptions.

2. Submit a ZIP file containing all assignment files and your report (in .pdf) over Moodle submission link. Name the file as A2-UOWID(Name)
3. Please make sure you have included all the information needed, and your solution can be run in a browser.
4. The students should present their solutions to the tutor during the lab session.

NOTES:

1. Submit your assignment before the due date. Penalties apply to all late work, except if student academic consideration has been granted. Late submissions will attract a penalty of 25% of the assessment mark. This amount is per day including weekends. Work more than 4 days late will be awarded a mark of zero.
2. Submission via email is not acceptable.
3. Assignments without reports will not be marked.
4. Not being able to answer to tutor's questions (regarding the website) or not being able to change your program, based on the tutor's requests may result in the deduction of marks for the assignment.
5. Enquiries about the marks can only be made within a maximum of 1 week after the assignment results are published.
6. By submitting this assignment, you declare that this assignment is **Your own work and you did not collaborate with or copy from others**.

Assessment Criteria		**Total Marks**	**Given Marks**
1.	Structure/Documentation	2	
2.	Interface	5	
3.	Functionality	8	
4.	Presentation and answers to tutor's questions	5	
5.	*Moodle Quiz 2 (individual)*	*5*	
		Total	