Project Phase 2

Deadline: Tuesday 13/04/2021 @ 23:59

**[Total Mark for this Assignment is 5]**

***Web Technologies***

***IT230***

Students Details: CRN: ###

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| --- | --- | --- |
|  |  |  |
| **Name:** ###  **Name:** ### **Name:** ### |  | **ID:** ###  **ID:** ###  **ID:** ### |
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**Instructions:**

* You must submit two separate copies **(one Word file and one PDF file)** using the Assignment Template on Blackboard via the allocated folder. These files **must not be in compressed format**.
* It is your responsibility to check and make sure that you have uploaded both the correct files.
* Zero mark will be given if you try to bypass the SafeAssign (e.g. misspell words, remove spaces between words, hide characters, use different character sets or languages other than English or any kind of manipulation).
* Email submission will not be accepted.
* You are advised to make your work clear and well-presented. This includes filling your information on the cover page.
* You must use this template, failing which will result in zero mark.
* You MUST show all your work, and text must not be converted into an image, unless specified otherwise by the question.
* Late submission will result in ZERO mark.
* The work should be your own, copying from students or other resources will result in ZERO mark.
* Use **Times New Roman** font for all your answers.

# Project

***5 Marks***

*Learning Outcome(s):*

2. Design and manipulate web databases.

5. Build web applications using PHP or similar languages.

In the Phase II, the same website will be extended by adding dynamic content using PHP, and MYSQL server. (5 Marks)

|  |  |  |
| --- | --- | --- |
| SQL | Create and populate a new database in MySQL (2 or 3 tables). | 1 |
| **PHP+DB** | Select records from MySQL database using PHP | 1 |
| Insert records into MySQL database using PHP. | 1.5 |
| Update records into MySQL database using PHP | 1.5 |
| **Total** | | **5** |

**Important Notes:**

* The number of PHP pages must be **at least 3**
* The Website must connect to a database (1 Select+ 1 Insert+ 1 Update queries)
* Use the same theme across the website.

**Each student/group has to prepare**

1. **IT230\_Project.docx:**
   1. The student must use the same file(IT230\_Project\_Phase\_2.docx) to prepare his answer.
   2. For the SQL part, the student must copy and paste the SQL code used to create the Database and add a screenshot of the different tables of the created database in MYSQL.
   3. For the part PHP +DB, the student must copy and paste the PHP code and add screenshots of the output with a brief explication of each functionality of the web application.

For the insertion and the update of the records, the student must also add screenshots of the modified tables before and after the execution of the PHP code.

* 1. Prepare a PDF version of this file.

1. **Project.zip:** contains all the files of the whole project (HTML, CSS, JS, PHP, and SQL).

**Student will upload:**

1. IT230\_Project\_Phase\_2.docx
2. IT230\_Project\_Phase\_2.pdf
3. Project\_Phase\_2.zip

# SQL

***1 Mark***

*Learning Outcome(s):*

2. Design and manipulate web databases.

# PHP+DB (SELECT)

***1 Mark***

*Learning Outcome(s):*

2. Design and manipulate web databases.

5. Build web applications using PHP or similar languages.

# PHP+DB (INSERT)

***1.5 Marks***

*Learning Outcome(s):*

2. Design and manipulate web databases.

5. Build web applications using PHP or similar languages.

# PHP+DB (UPDATE)

***1.5 Marks***

*Learning Outcome(s):*

2. Design and manipulate web databases.

5. Build web applications using PHP or similar languages.