UNIVERSITI TUNKU ABDUL RAHMAN

UECS2094/UECS2194 WEB APPLICATION DEVELOPMENT

ONLINE PRACTICAL TEST

Date: **15/4/2020**

Duration: **9 hours (8am - 5pm)**

This assessment contributes **20%** to the overall marks for this course.

IMPORTANT NOTICE

After you complete the assessment, please do the following:
1. Submit the cover page file (template provided) as pdf / docx together with the source codes.
2. You are to upload to **WBLE** a **ZIP** file (and keep a copy of the file for yourself) that contains the following:
    a. You are to write your **name**, **student ID** and **programme / major**: AM / SE and **sign** the declaration on the cover page provided;
    b. **Word / pdf** document file named "**Readme.docx**" or "**Readme.pdf**" that contains step-by-step instruction on how to set up and run your Web App;
    c. Export all the tables of the MySQL database created for this project as a "pp_rrrrrr_db.sql" (following naming file stated in this page) using phpmyadmin and place it in a folder named **data** inside your project folder.
    d. Compress (as **ZIP** file) the project folder. Note: you have to make sure that the folder structure is maintained. The ZIP file must be named [**Name-ID].zip**, e.g. **"ALEX KOK ZHEN XIAN-1502934.zip".** **Failure to do so, may result in a penalty imposed on the marks awarded for this test**.
3. You are to submit the **ZIP** file on or before **5pm** on the **15th of April (Wednesday)** via the Assignment Submission link on the **WBLE**.

Failure to comply with the above may result in a maximum of 5 marks deducted.

You are required to perform tasks 1 and 2 in this practical test. Where noted, the names used must use the following convention:

```
              pp_rrrrrr_name

where
      pp = programme code (am or se)
      rrrrrr = student id number
      name = filename or table name
E.g.:
          se_1701234_index.php
```

Failure to comply with the below naming convention will result in a penalty as stated above.

Description:

You are given a task to create a sign up page where a user can subscribe services from a particular portal. The page should have a form that allows users to enter the following particular in Table 1. Table 1 shows the sample data of a MySQL table**.** The attribute **id** is an auto-increment attribute of type **INT(11).**

id	staffNo	name	email	phone
1	1001	Wong Li Kheng	wonglk@company.my	012-3258896
2	1025	Lim Wang Lei	limwl@company.my	013-7854123
3	1030	Chia Liu Fang	chialf@company.my	012-9721463
4	1056	Chong Liu Jie	chonglj@company.my	019-7893024
5	1074	Ng Li Yong	ngly@company.my	016-2143657
6	1117	Chia Zhang Jie	chiazj@company.my	012-3322654

Table 1

1. (i) Design and create an HTML form named **pp_rrrrrrr_form.php** containing the HTML form for accepting input for the above table in Table 1.

(5 marks)

  (ii) The following criteria for the form must be fulfilled.
   - Texts are Center for the heading "**Employee Form**"
   - Font-family is Arial with size 30px for the heading "**Employee Form**"
   - Font-family is Verdana with a size of 18px for all form labels

   Apart from the abovementioned CSS style, the student should applying additional internal or external CSS design of his/her choice to the HTML form for better aesthetic value.

(5 marks)

2. (i) Write the SQL statement to create the above table and to insert the data in Table 1 in a file named **pp_rrrrrrr_db.sql**. The name of the table is **pp_rrrrrrr_staff.** Execute the SQL statement to create the table in a MySQL database that shall be named **wad_ptest**. Marks shall be awarded for correctness of attributes, data types and keys used.   (5 marks)

  (ii) Write a PHP script named **pp_rrrrrrr_insert.php** that should be able to do the following tasks:
   - (a) Validating the required fields (as stated in Table 1). If the fields are empty, then print message: "**Please field out this fields!**"
   - (b) Inserting all the entered data into the database named **wad_ptest**

(5 marks)

[Total: 20 marks]