**ITEC 3280– Web Programming
Assignment 11
\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**PHP Form Processing and MySQL Database**

**Part I – product\_order.php**

Create a form page called *product\_order.php* that contains the following form controls:

Product (drop down list) ***product*** – iPad, iPhone 6S, Galaxy 5S, Moto X, and so on

Quantity (number) ***quantity***

Unit Price (number) ***unit\_price***

Discount Rate (%)(number) ***discount\_rate***

Order Date (date) ***order\_date***

First Name (text box) ***first\_name***

Last Name (text box) ***last\_name***

Payment Type (drop down list) ***payment\_type*** – Visa, Master, Discover, Amex, and so on

Card Number (text box) ***card\_number***

Security Code (text box) ***security\_code***

When the submit button is clicked, the form data is posted to *order\_process.php*.

**Part II– Create MySQL Database and Table**

Using MySql, create a database called “*ordersdb*” and then create a table called “*orders*” with the following fields:

id (INT, Primary Key, Auto Number)

product (VARCHAR, 100)

quantity (INT)

unit\_price (DECIMAL)

discount\_rate (DECIMAL)

order\_date (DATE)

first\_name (VARCHAR, 50)

last\_name (VARCHAR, 50)

payment\_type (VARCHAR, 15)

card\_number (VARCHAR, 20)

security\_code (VARCHAR, 10)

Create a pair of user name and password (e.g, user1 and pass1) by using the following settings.

* Username: user1
* Password: pass1
* Host: Local
* Check all privileges under Data and Structure sections

Then edit ***user1***’s privileges to grant all privileges of the “*ordersdb*” so that the user1 can access to the database.

Once the *sales* table is created, export the “*ordersdb*” using SQL format and submit with other files.

**Part III – Create Connection File**

Create a new PHP file named “*connection.php*”. This file will contain the connection string to connect to the “ordersdb”.

*<?php*

*// if you use a different port, please use that port number*

*$con=mysqli\_connect("localhost:3306","user1","pass1","ordersdb");*

*// Check connection*

*if (mysqli\_connect\_errno())*

 *{*

 *echo "Failed to connect to MySQL: " . mysqli\_connect\_error();*

 *}*

*?>*

**Part IV– order\_process.php**

Create and use a SQL INSERT statement to add the user loan input data into the *orders* table created in Part II.

To execute the insert statement, use mysqli\_query function as follows.

//Execute SQL Statement and store results as a recordset

 $rs = mysqli\_query($con, $sqlstring);

As you have done in assignment 10, the page should also include a header and footer file. Use the PHP *include()* or *require()* function. The header file (*header.php*) contains the page heading (use an h2 tag) – “ABC Loan Company”. The footer file (*footer.php*) contains the page footing – copyright 2014 and your email address.

Also, use the PHP *include()* or *require()* function to include the *connection.php*.

Next, add the code to insert the user input into the “*orders*” table. (Be sure to use scalar variables within the SQL INSERT statement). After the INSERT statement is executed, close the connection to the database.

Finally, display the output:

**PRODUCT ORDER**

**Name:** *firstnamevariable + lastnamevariable*
**Product:** *productvariable*
**Unit Price:** *unitpricevariable***Discount Rate:** *discountratevariable*
**Order Total:** *ordertotalvariable*

**Order Date:** *orderdatevariable*

**Payment Information:**
*paymenttypevariable + creditcardnumbervariable (= 12 stars (\*) + last 4 digit numbers )*

Today’s Date is*: PHP Date*