Course

Name

Module

Assignment Title

**Contents**

**Introduction**

What is in the report /what you have done and brief description of the scenario.

**Requirements Analysis**

**Users – roles**

*Explanations….*

**Use case diagram** – functionalities / features

Class diagram – data stored

Navigation diagram

Design – presentation model

*The diagrams should have accompanying explanations….*

**Main Implementation**

**Connect to Database**

I have used two files to connect to my database.

I have function connect in my dbutils.php file.

function connect() {

$username = '';

$password = '';

$mysqlhost = ‘';

$dbname = ‘’;

I have used the **connect()** function to connect to my database. I have provided my user name…etc…

$pdo = new PDO('mysql:host='.$mysqlhost.';dbname='.$dbname.';charset=utf8', $username, $password);

An object representing the connection to the database server is created and assigned to **$pdo**

if ( $pdo) {

// make errors throw exceptions

$pdo->setAttribute(PDO::ATTR\_ERRMODE, PDO::ERRMODE\_EXCEPTION);

return $pdo;

} else {

die("Could not create PDO connection.");

}

}

?>

*Explain….*

My dbtest.php file contains the following in order to access the function from my dbutils.php file.

<?php

require\_once( 'lib/dbutils.php');

?>

The connect function returns an object representing the connection to the database server, which is assigned to **$pdo**. Explain the rest….

<?php

$pdo = connect();

if ( $pdo) {

print "<h1>Successfully connected!</h1>\n";

} else {

print "<h1>Did not connect.</h1>\n";

}

?>

**Enter Form Data to Database / Create Data**

Implementation of ‘Apply to become lecturer’ use case/functionality

*Provide the code snippet and explain…..*

Implementation of ‘Create Class’ use case/functionality

*Provide the code snippet and explain….*

**View / Retrieve Data From Database Table**

Implementation of ‘View Classes’ use case/functionality