**Instructions for EasyPHP (DevServer 14.1 VC9)**

You have been provided with the necessary SQL script in zipped format (bookCRM-vers.sql.zip). First, you need to create **Database** and **User** for your Assignment 3. Then you need to unzip the SQL script and execute the script in the ‘SQL command window’ that will create all database tables required for this assignment.

**How do you create MySQL Database and User?**

The detailed instructions are as follows:

1. Run ‘EasyPHP’ on your PC/Laptop.
2. Right click on the EasyPHP icon and then click ‘Administration’.

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1. Click on ‘Open’ on the following screen to enter ‘MySQL Administration: PhpMyAdmin’.

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1. Click ‘SQL’ tab on the following screen.

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1. ‘SQL command window’ will be displayed as follows.

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1. Type SQL command in the ‘SQL Command Window’ to create database and user.

For example, the following SQL command (written in green) will create a database ‘bookcrm’ and a user named ‘bookrep’, then it will grant permission so that the user (bookrep) can access the database (bookcrm) using a password (book@rep20).

CREATE DATABASE bookcrm;

GRANT USAGE ON \*.\* TO bookrep@localhost IDENTIFIED BY 'book@rep20';

GRANT ALL PRIVILEGES ON bookcrm.\* TO bookrep@localhost;

FLUSH PRIVILEGES;

**How do you create tables and populate the tables of the newly created Database?**

1. Unzip bookCRM-vers.sql.zip file. Then open the file bookCRM-vers.sql in Notepad/Notepad++.
2. Copy all the texts (contents) of the SQL file and paste it inside the ‘SQL command window’:

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1. Click ‘Go’ button to execute the SQL script. After the SQL script has been executed successfully, ‘bookcrm’ database will contain all the tables required for this assignment.

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**Access to MySQL database**

Each database application must have a configuration file to connect your application with MySQL database.

Before we can get started using MySQL on the EasyPHP webserver, we need a few pieces of information.

* Host
  + The host variable should contain the value “localhost”.
  + Example: $host = “localhost”;
  + NOTE: Localhost is a networking term meaning ‘this computer’
* Username
  + The Username to access YOUR database is: bookrep
  + Example: $user = “bookrep”;
* Password
  + The password is any legitimate password you choose
  + Example: $password = “book@rep20”;
* Database Name
  + The name of your database is: bookcrm
  + Example: $dbname = “bookcrm”

You have been provided with a configuration file (i.e. database.inc.php) that is required to connect your application with MySQL database.