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

**How to setup the database, the user and the tables for Assignment 3 in EasyPHP**

You have been provided with the necessary SQL script in zipped format (bookCRM-vers2.sql.zip) that you will need to import into MySQL (easiest to use **phpMyAdmin**). You can import the zip file directly via **phpMyAdmin**. After importing the SQL script, ‘books’ database will be created that will contain all database tables required for this assignment.

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 ‘Import’ tab on the following screen.

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1. Then choose the SQL script file (bookCRM-vers2.sql.zip) from your laptop and click ‘GO’ on the following screen to import the SQL script.

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1. It takes few minutes to import the SQL script. After ‘Import’ has been finished successfully, ‘books’ database will be created which consists of the following tables:

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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 the following SQL command in the ‘SQL Command Window’ to grant permission so that the user (bookrep) can access the database (books) using a password (book@rep).

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

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

FLUSH PRIVILEGES;

1. After typing the above SQL command, click on ‘Go’ in the following screen.

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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 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@rep”;
* Database Name
  + The name of your database is: books
  + Example: $dbname = “books”

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