**Instructions for SiteGround Web Hosting Server**

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

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

1. Go to [**Site Tools** -> **Site -> MySQL**](https://tools.siteground.com/mysql) where you can easily create a MySQL user and a database and then assign the user to the database.

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1. On the page that opens, go to the Databases tab. Click on **Create Database**.

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1. Bear in mind that the Database name is automatically generated.

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1. Assign a label to the newly created database by clicking ‘Change Label’

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1. For example, assign the label of the database as ‘BookRepDB’. Click ‘CONFIRM’

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1. Now you can see the label that will help you to identify the purpose of the newly created database. For example, I have labeled it as ‘BookRepDB’ as I have created it for BookRepPrj Project.

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1. Next, click on the Users tab to create a new database user. Click on ‘CREATE USER’.

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1. Bear in mind that the user automatically generated and once set you will see a notice with the username and its password.

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1. Assign a label to the newly created user by clicking ‘Change Label’

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1. For example, assign the label of the user as ‘BookRepUser’. Click ‘CONFIRM’.

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1. Now you can see the label that will help you to identify the purpose of the newly created user. For example, I have labeled it as ‘BookRepUser’ as I have created it for BookRepPrj Project.

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1. Change the password of the newly created user which will be used to connect to the database of the web hosting domain.

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1. In order for a MySQL user to be used to manage a certain database, the user permissions for that database must be set. This should be done from the **Manage Users** section, go to the newly created username and click on **Add New Database**.

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1. On the page that opens, choose the desired privileges the user (newly created) should have to the database and click on **‘CONFIRM’.**

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1. Thus the newly created user will be associated with newly created database.

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**How do you import tables into the newly created Database?**

1. Now you need to unzip the SQL script (bookCRM-vers.sql.zip) provided with the template folder and modify the name of the database that is written inside the script (bookcrm-vers.sql) according to your new database. Assuming that the name of your database is dbj9tdbdu7dz8g, you will need to modify the SQL script as below:

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| USE `dbj9tdbdu7dz8g`; |

1. Go to phpMyAdmin by clicking on ‘PHPMYADMIN’ tab.

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1. Click ‘ACCESS PHPMYADMIN’, your newly created database will be displayed on the ‘phpMyAdmin’ interface.

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1. Select the newly created database and click ‘Import’ tab on this interface.

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1. Then choose the unzipped and updated SQL script file (bookcrm-vers.sql) from your laptop.

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1. Click ‘GO’ on the following screen to import the SQL script

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1. After ‘Import’ has been finished successfully, the database for ‘BookRepPrj’ Project 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 SiteGround Web Server, 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: ukkapf3czg3yr
  + Example: $user = “ukkapf3czg3yr”;
* Password
  + The password is any legitimate password you choose
  + Example: $password = “book@rep20”;
* Database Name
  + The name of your database is: dbj9tdbdu7dz8g
  + Example: $dbname = “dbj9tdbdu7dz8g”

You have been provided with a configuration file (i.e. database.inc.php) that is required to connect your application with MySQL database. Finally, you need to update the configuration file according to the Username, Password and Database that you have created using the Dashboard of SiteGround Web Server.