**Instructions for SiteGround Web Hosting Domain**

How to setup the database, the user and the tables for Assignment 3 in **SiteGround Web Hosting Domain**

You have been provided with the necessary SQL script (paintingPortal.sql) that you will need to update. Then you need to import the updated SQL script into MySQL (easiest to use **phpMyAdmin**). After importing the SQL script, a database will be created that will contain all tables required for this assignment.

**How to 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.

|  |
| --- |
|  |

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

|  |
| --- |
|  |

1. Bear in mind that the Database names are automatically generated as below:

|  |
| --- |
|  |

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

|  |
| --- |
|  |

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

|  |
| --- |
|  |

1. Now you can see the label that will help you to identify the purpose of the newly of created database. For example, I have labelled it as ‘PaintingPortalDB’ as I have created it for Painting Portal application.

|  |
| --- |
|  |

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

|  |
| --- |
|  |

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

|  |
| --- |
|  |

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

|  |
| --- |
|  |

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

|  |
| --- |
|  |

1. Now you can see the label that will help you to identify the purpose of the newly of created user. For example, I have labelled it as ‘PortalUser’ as I have created it for Painting Portal application.

|  |
| --- |
|  |

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

|  |
| --- |
|  |

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**.

|  |
| --- |
|  |

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

|  |
| --- |
|  |

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

|  |
| --- |
|  |

**How do you import the tables in the newly created database from a SQL script?**

1. Now you need to edit the SQL script (paintingPortal.sql) provided with the template folder and modify the name of the database that is written inside the script (paintingPortal.sql) according to your new database. Assuming that the name of your database is dbselnnwtdpclj, you will need to modify the SQL script as below:

|  |
| --- |
| CREATE DATABASE IF NOT EXISTS `dbselnnwtdpclj`;  USE `dbselnnwtdpclj`; |

1. Using **phpMyAdmin**, you can import tables and data into the database.

Go to the phpMyAdmin interface by clicking on ‘**PHPMYADMIN**’ tab

|  |
| --- |
|  |

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

|  |
| --- |
|  |

1. Select the database that is labelled as ‘PaintingPortalDB’. Then click ‘Import’ on the following screen:

|  |
| --- |
|  |

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

|  |
| --- |
|  |

1. The following screenshot will be displayed after successful import:

|  |
| --- |
|  |

1. After ‘Import’ has been completed successfully, the database that is labelled as ‘(PaintingPortalDB)’ database will contain the following tables:

|  |
| --- |
|  |

**Access to MySQL database**

Each database application must have a configuration (e.g. config.php) file to connect your application with MySQL database.

Now, here is your login information to connect to the MySQL database:

**1**. Name of the server or Hostname: localhost

**2**. Database: the name of the database that was automatically generated when creating MySQL Database (e.g.: dbselnnwtdpclj)

**3**. Username: the name of the user that was automatically generated when creating MySQL User (e.g.: upk0uhd0y6esi )

**4**. Password: the password (e.g., portal@user)

**N.B.:** In **config.php** file, you must modify the **Database and Username** as generated automatically by the system of the web hosting domain. You must modify the **Password** as well that is associated with the user labelled as ‘PortalUser’.