**Instructions for SieGround Web Hosting Server**

**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.

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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 names are automatically generated as below:

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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 ‘DemoDB’. Click ‘CONFIRM’

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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 labeled it as ‘DemoDB’ as I have created it for demo application. Again, you may label the database as ‘Lab9DB’ when it will create the database for Lab 9.

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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 receive 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 ‘DemoUser’. Click ‘CONFIRM’.

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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 labeled it as ‘DemoUser’ as I have created it for demo application. Again, you may label the user as ‘Lab9User’ when it will create the user for Lab9.

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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 to create a table in a database?**

You can now use the various features available in phpMyAdmin to create and modify tables and data.

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

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

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

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1. Create table by typing SQL command in the ‘SQL Command Window’. Then click on ‘Go’ button.

For example, if you want to create a table named ‘person’ which has two fields (FirstName, LastName), you need to write following SQL command:

CREATE TABLE person(

PersonId int not null AUTO\_INCREMENT,

FirstName VARCHAR(50) NOT NULL,

LastName VARCHAR(50) NOT NULL,

PRIMARY KEY (PersonId)

);

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1. ‘person’ table will be created under newly created database.

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**Access to MySQL database**

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

Now, here is your login information 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.: dbuy9cgemdwqa3)

3. Username: the name of the user that was automatically generated when creating MySQL User (e.g.: usrcy5znrdgvp)

4. Password: the password (e.g., cst@8238)

**N.B.:** In **MySQLConnectionInfo.php** file, you must modify the **Database and Username** as generated automatically by the system of the web hosting domain.