**Instructions for Hebergement Server**

**How to create a database?**

Each hosting account gives you access to MySQL databases. You can create these databases in your CPanel, and manage the graphical administrative interface phpMyAdmin.

To create a database, follow the steps as below:

1. Log into your CPanel.

2. Under "Databases", click on "MySQL Data Base Wizard".

3. Name the database as ‘cst8238’ and click "Next Step". Note: The full name of the database will be: [user\_principal\_ name] \_ [database name]. For example, if the user name you use to log into your CPanel is ‘rejaulc’ and the name you chose for your database is ‘cst8238’, the name of your new database will: rejaulc\_cst8238.

4. Select a username with a maximum of 7 characters (eg, cst8238) and a secure password (example: cst@8238) and click "Create User". Note: The full user name that you just created will be: [user\_principal\_ name] \_ [database\_user\_name]. For example, if the user name you use to log into your CPanel is ‘rejaulc’ and the username that you chose for your database is ‘cst8238’, the user name of your new database will be: rejaulc\_cst8238.

N.B.: For simplicity, I am recommending same name for your new database and for the user-name of your database.

5. On this page, entitled "Add User to Database" you can give privileges to the user you just have created. Unless you have a good reason to do otherwise, we advise you to check the "ALL PRIVILEGES" which will grant all rights necessary to your user. Then click "Next Step". You can now use the various features available in phpMyAdmin to create and modify tables and data.

**How to create a table in a database?**

1. Log into your CPanel.

2. Under "Databases", click on "phpMyAdmin".

3. Click ‘SQL’ tab.

4. Create table by typing SQL command in the ‘SQL Command Window’.

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

USE rejaulc\_cst8238;

CREATE TABLE person(

PersonId int not null AUTO\_INCREMENT,

FirstName VARCHAR(50) NOT NULL,

LastName VARCHAR(50) NOT NULL,

PRIMARY KEY (PersonId)

);

**How to manage your database?**

You can create / edit / delete information in your database using phpMyAdmin, available in the Database section of your CPanel.

For complete documentation of phpMyAdmin, see:

<http://docs.phpmyadmin.net/en/latest/>

**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 complete name of the database created in cPanel User (e.g.: rejaulc\_cst8238)

3. Username: the full name of the user created for your database when creating MySQL Database (e.g.: rejaulc\_cst8238)

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

N.B.: For simplicity, I am recommending same name for your new database and for the user-name of your database.