Step 1 – Download project files:

First you need to download the project zip file from Github and extract it into the htdocs folder of your local web server (WAMP/MAMP/XAMPPS/LAMP). Example path: C:\xampp\htdocs.

Step 2 – Setup required databases:

Two databases are required for this project, one for the module website and another for the final project website.

1. For this step you will need to use the command shell and connect to your database as a root user, you can do this by running the following command:

mysql -h localhost -u root –p

**Note 1:** Apache server and mysql must be running for this step and all following steps.

**Note 2:** mysql executable is located in the bin directory of your WAMP/MAMP/XAMPPS/LAMP installation. It should already be added as a path variable, but if not you will need to run the command from the bin directory. Example path: C:\xampp\mysql\bin

**Note 3:** You will be prompted for a password. Typically, you just need to hit the enter key as it is not set. However, if you have it set already then provide that value.

1. Once connected to the database, you will have to first create a database for the module website. Run the following command in the command shell:

Create database web\_apps;

**Note:** You may confirm the database is created by running the command:

Show databases;

1. Once created, use the following command to use the database:

Use web\_apps;

1. While using the database, create a table to contain user information. Run the following command:

Create table users(

user\_id int unsigned zerofill not null auto\_increment primary key,

firstname varchar(100),

lastname varchar(100),

username varchar(20),

password char(40)

);

1. Run the following commands to add test data into the newly created users database:

Insert into users(firstname, lastname, username) values (‘John’,’Smith’,’jsmith’);

Insert into users(firstname, lastname, username) values (‘Joe’,’Bloggs’,’jbloggs’);

**Note:** You can confirm the data is inserted correctly by running the command:

Select \* from users;

1. Next you will need to need to create a database for the final project website. Run the following command:

Create database bored\_games;

1. Run the following command to use the new bored\_games database:

Use bored\_games;

1. Run the following command to create the first table to contain user information:

Create table users(

user\_id int unsigned zerofill not null auto\_increment primary key,

first\_name varchar(40),

surname varchar(40),

email varchar(50),

username varchar(20),

password char(40)

);

1. Run the following command to create the second table to contain sales information:

create table sales(

sale\_id int unsigned zerofill not null auto\_increment primary key,

user\_id int unsigned not null,

total numeric(8,2),

foreign key (user\_id) references users(user\_id)

);

Step 3 – Open module website

For the final step you will need to have your local apache and mysql server turned on. Open you browser and use the following URL to open the website:

[http://localhost/G00341279-Module Website/](http://localhost/G00341279-Module%20Website/)