

This application connects to a local database called GamersJuiceBox on a SQL server, (localdb)\MSSQLDB. The database is connected through a created SQL user called 'webuser'. This documentation will hopefully show you how to get SQL server and connect to the server and create the database and create the user such that you can run our application on your machine and talk to the data.

First, you want to install SQL server 2019. You can get the server here, but make sure you get the Developer edition...it's free: [SQL Server Downloads](https://docs.microsoft.com/en-us/sql/ssms/download-sql-server-management-studio-ssms?view=sql-server-ver15). You also want to install SQL Server Management Studio at

<https://docs.microsoft.com/en-us/sql/ssms/download-sql-server-management-studio-ssms?view=sql-server-ver15> to talk to the server and run scripts. This is your IDE.

Once you download and install everything, run SSMS and you will be prompted to enter in some stuff. Make sure you are looking for a Database Engine and the server is:

(localdb)\MSSQLLocalDB. Then use Windows Authentication and connect to the engine.

Now that you are in the engine, you want to get the database script under the Misc folder called dbCreation.sql Once you open up the script in SSMS, run it by clicking the green play button that says "execute". Now your database is up and running with some starter game and user data.

Now to connect to the database, scroll down in the object explorer. Under Security >> Logins **INSIDE THE SERVER PATH NOT THE DATABASE PATH**, right click on Logins then "New

Login”. Fill out the form. First, make the username be “webuser”. Then select “SQL Authentication” then make the password be “webuser”. Then keep everything else default and hit “OK”. You should now see the user you made underneath “Logins”. Now right click on the user and go to “Properties”.

On the left hand side of the page, head to “User Mappings”. Then check mark the database “GamersJuiceBox” and click okay. Now you can ensure you added the user to the database by going to the Security>>Logins tab UNDER THE DATABASE. If you want to make another check to see if it is connected, go back to the Security>>Logins under the server and go to properties and on the opening page at the bottom, ensure that the default database is GamersJuiceBox. If followed successfully, you should now be able to access the database when you run our app.

For any questions....contact me (Kareem Ghumrawi) at ghumraka@miamioh.edu

Hope this process goes smoothly, happy shopping!