

User help

System installation instructions

Our site divide into three areas:

- Back-end: implemented by Python.
- Front-end: implemented by JavaScript, HTML and CSS.
- DB: Microsoft SQL Server.

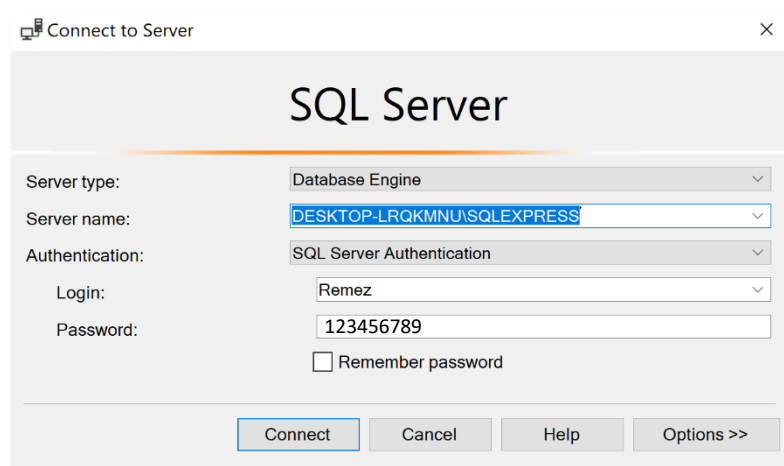
In order to run our project, all of these programs should be installed on your computer. To make things easier, we used PyCharm professional that allowed us to keep all these software's under the same development environment (except the database).

Please download the program files that exist in the GitHub link and pull them (except to DataBaseFile.xls file) into your PyCharm.

The changes that need to be made to run properly our program are:

In terms to connect the DB tables:

Import the DataBaseFile.xls file that contain the tables that we used. At the time of importing, please make sure you create the data base by 'BraudeProject' name, and for connecting the server, you set this username and password:



In terms to connect the Python:

To allow the running of the code, change the configuration according to your python version and location in venv->pyvenv.cfg file.

For the connection between the Python and the DB, you need to copy the server's name:

Server name: **DESKTOP-LRQKMNU\SQLEXPRESS**

and connect to the class: 'App.py'. then, change the server's name in line 14:

```
self.dataBaseCon = connectToDB('DESKTOP-LRQKMN\SQLEXPRESS',  
'BraudeProject')
```

to the server's name you copied.

Please do the same thing in 'Server.js' class, to line 13.

In addition, you need to make sure that you install the libraries we imported to our project. You can do it automatically by marking the import lines in the different classes and clicking on the install option.

In terms to run the site:

You need to run our server. You can do it by the command: **node server.js** in the terminal. Now, you can finally run the site. Please open your explorer browser and then, write the address:

