User Manual

To run the application you are first required to install the mysql-connector and the openssl libraries. On a linux-based system you can do it by executing the following command:

```
sudo apt-get install libmysqlcppconn-dev libssl-dev
```

Then you can launch the server application, move into the **FourlnARow** folder and run the bash **launchServer** script. When the server is in execution then you can start a client using the bash **launchClient** script. At the end of the compilation you will be prompted to insert a socket which will be used as a UDP port for playing games.

```
nico@kali:~/Documenti/CyberSecurity$ cd FourInaRow/
nico@kali:~/Documenti/CyberSecurity/FourInaRow$ ls
data launchClient.sh launchServer.sh src
nico@kali:~/Documenti/CyberSecurity/FourInaRow$ ./launchServer.sh
```

The client on first launch will ask you to center the run page. You will only be asked the first time, the following will use the setting entered. To change it, you will need to delete the **screen_size.conf** cache file contained in the **FourlnaRow/data** folder.



Apart from the first run the first page that the client will show will be the **login page** where you can access by providing a valid **username** and **password** or close the application.

```
# Insert a command.

# Insert
```

Once logged in, the main page of the application will be shown. From the page you can challenge other users, see the available ones or those who have challenged you. It is also possible to see the ranking of the players.



Once a match has started by accepting a request received (or your request has been accepted by the challenger) the page for the game will be displayed. It contains a small chat to communicate with the opponent and a representation of the game table. It is possible at any time to cancel a match and return to the main page, but remember that you will be assigned a defeat

