**Topic:-- Python Fantasy Cricket Game**

**Objective-** Internshala fantasy cricket game helps the students in the field of python by adding various tools in the toolbox such as Qt designer, sqlite3, python commands etc. This project help students in the IT sector field in a new and innovative way.

**Description of Project**-This project first includes a GUI which is designed by Qt Designer, then it provide the event driven handling of the signals by the slots designed for the project. Then the designed UI works on the cricket teams that we make by creating new team, then we can save it and we can open any team. It also ensures the overall score of the players of the team by all the conditions mentioned in the problem statement. The project has database CricketGame which consists of data about players . This project also has some dialog boxes which will open when a user select player name form combobox. Another dialog box will open when we want to evaluate score of the team. This project has all specific event and their conditions. It also has points that are available in the making of team and all the players have their own respective points and then all the sum of the players gets prints in the Calculate score.

**Structure**- This project has all the portions that should be in the development zones like it have Qt designer in the beginning section which helps in the front-end section and helps in making GUI of any application. It requires the pyqt5 tool as the main package through command prompt and Qt designer through online platform which all helps in the frontend specialty we add in the project. The working behind this project that is the backend process is done through sqlite3 command in python shell by importing the sqlite3 module with the help of objects and classes in the object-oriented programming (OOPS). The main tool here is the use pyuic5 module in python which helps in the conversion of the .ui file we created with help of Qt Designer to the .py file then implementing all the functionality in the python code that is generated in the shell.

**Conclusion**- I Sakshi Gupta, want to thank to whole Internshala teachers who helped me during this 6-week process by their Q&A forum. I have now inculcated a big amount of knowledge in these 6 weeks regarding python and all other stuffs I studied.

**Reference-**My whole idea regarding the project came from the Internshala videos which are uploaded in the training session. They were enough for making of the project , modules , quizzes and videos which are available in the training .