The application starts with build up the simple GUI like background picture, some textfield and buttons. After the simple UI build, I try to use the input that we get in the textfield. I have using the JDBC connecter as my library, then I use the connecter to executeQuery to test the connecter whether working properly. Everything goes well so far, then I start writing the function/procedure in Mysql. Then I have stuck on this part for a long time, I am not able to get the correct output from call the function with the connecter.

I went over many different websites like YouTube, stackoverflow and the JAVA documentation to see a lot of sample code. After I figure out this issue, I store those data into two different class which are TEAM and PLAYER class. Then using arraylist to hold those data and display those data in the table and chart.

I think the difficulties part would be how to connect to the database and interact with the database. I have solved this problem though the code example as I say before. This is an easy and helpful way to solve problem, and it would be the way that I always do when I got stuck. Even this is the difficulties part, the GUI part take a lot more time on the project. Since I am not that familiar with the javafx tableview and chart, it cost me a lot time to work on it.

I have learned a lot of new thing during the project, especially in Mysql and how to connect Mysql with other languages. And frontend language/ framework is my weakest part, I should get familiar with at least one of the those. If there was a change for me to work on the application that needing access to data in the future, I will also choose the same language to use. But I would like to using different frontend language to implement the application instead of using javafx.