# Item 1 Functional Methods:

In this release I wrote some methods and queries to add and delete information from the database the following are two examples of such methods;

Add instrument method:

**if (OpenConnection())**

**{**

**//Create Command bind values and execute**

**MySqlCommand cmd = new MySqlCommand(query, connection);**

**cmd.Parameters.AddWithValue("@quality", InstrumentQuality);**

**cmd.Parameters.AddWithValue("@instrument\_name", instrumentName);**

**cmd.Parameters.AddWithValue("@instrument\_type", instrumentType);**

**cmd.ExecuteNonQuery();**

**//close everything**

**CloseConnection();**

Delete instrument method:

**OpenConnection();**

**MySqlCommand cmd = new MySqlCommand(query, connection);**

**cmd.Parameters.AddWithValue("@instrument\_id", id);**

**cmd.ExecuteNonQuery();**

**CloseConnection();**

# Item 2 SQL Queries:

For the previous Functional methods to work sql queries had to be constructed the following are two examples of such queries;

1 – insert query:

INSERT INTO instruments (quality, instrument\_name, instrument\_type) VALUES (@quality, @instrument\_name, @instrument\_type);

2- delete query:

"Delete FROM instruments where instrument\_id = @instrument\_id;"

# Item 3 Business Letter:

In the folder named futher\_documentation there is contained the business letter for this sprint to which I contributed.

# Item 4 Administrator Console:

In the folder named futher\_documentation there is contained screen shots of the administrator console application, there are shots of the navigation menu, and some following menu selections.

# Item 5 SQL DataBase and test data:

In the folder named futher\_documentation there are screen shots of the SQL database I helped create along with screen shots of SQL queries done in workbench showing the dummy data inside of the database.