# Implementation/Coding

This is the phase where we used to start Our Coding to develop the system according to our analysis by using the best design approach.

**Language Chosen/Framework**

This is the desktop application to manage the stock, product, user and other used to manage in the inventory management system. The language that I have choose to develop this application is C sharp. Through visual studio the system get to develop by using the C sharp language.

**Database Management System**

SQL server is used in this development of Application as a database to store the added the data through the application. I have used so many quarries to create different tables and to create different procedure to connect the application to the database.

**All the Code of the Implementation are included in Appendix.**

# Appendix:

**All the Screenshot UI design with their particular code.**

Login page with username “mahesh” and password “mahesh”.

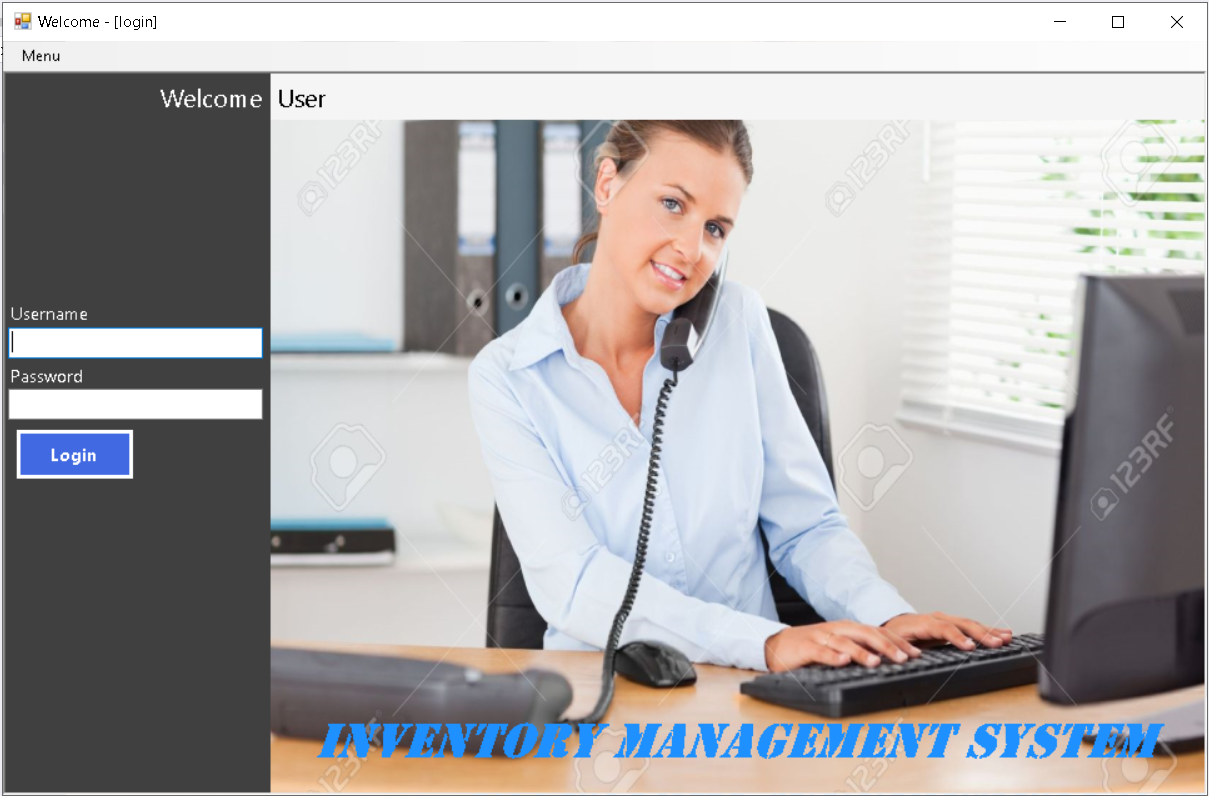


Figure 31: Login interface.





**Home Screen**

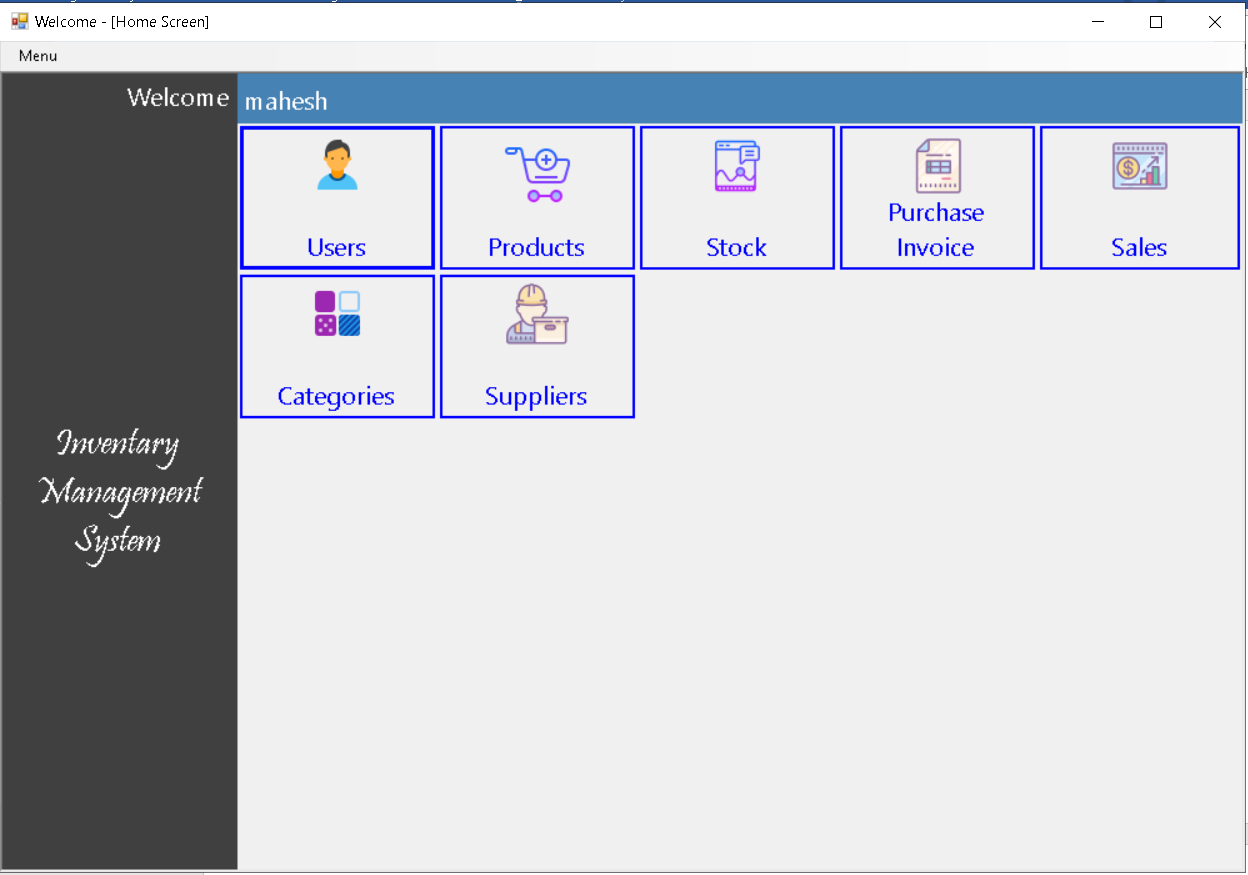
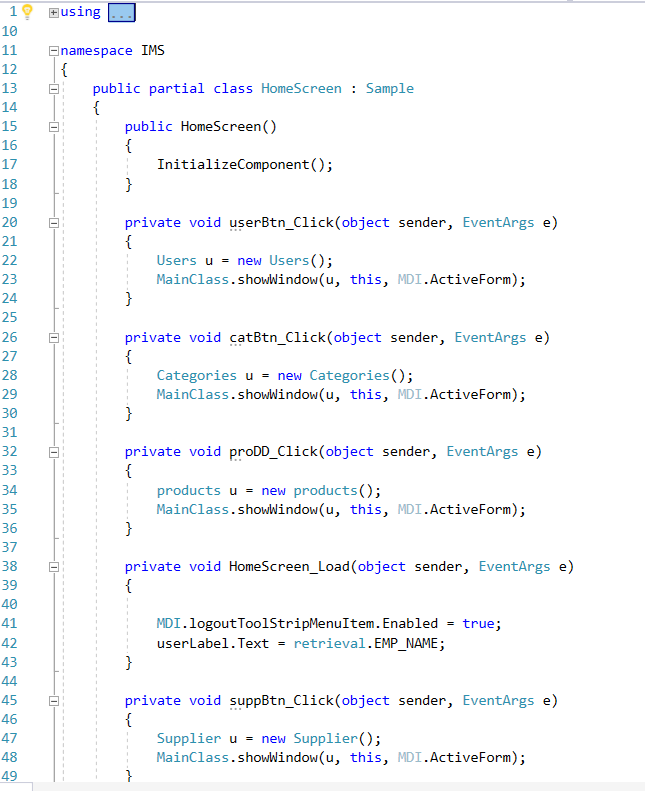


Figure 32: Home screen





User Interface

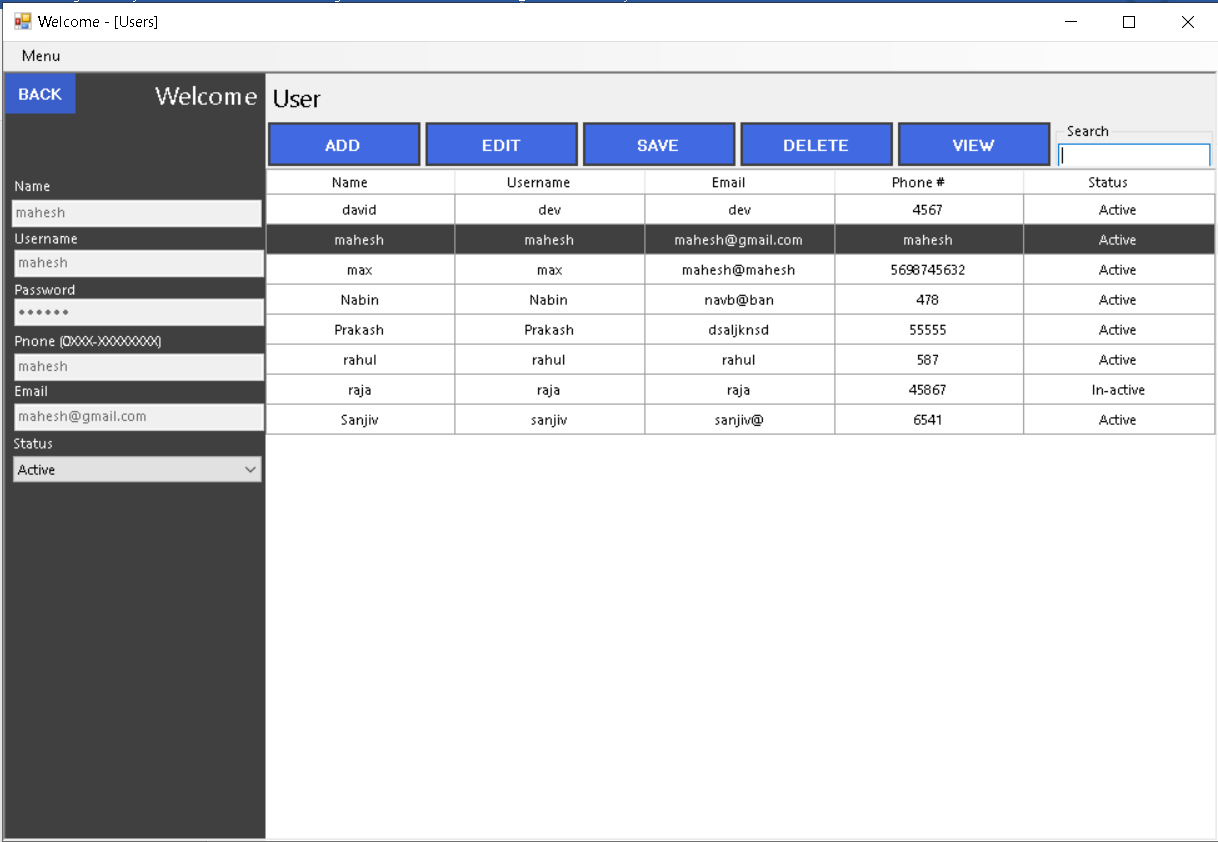
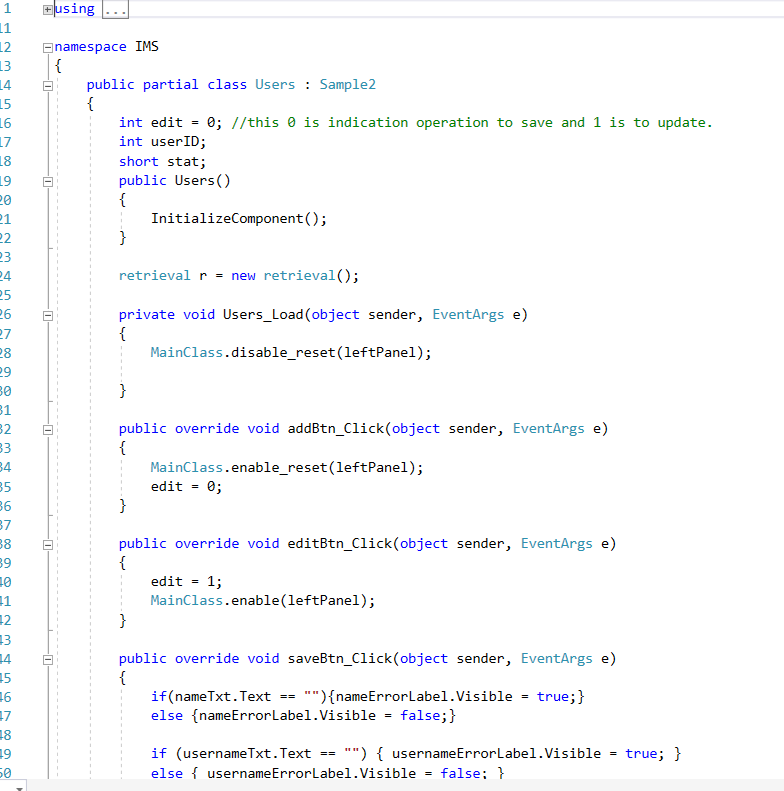
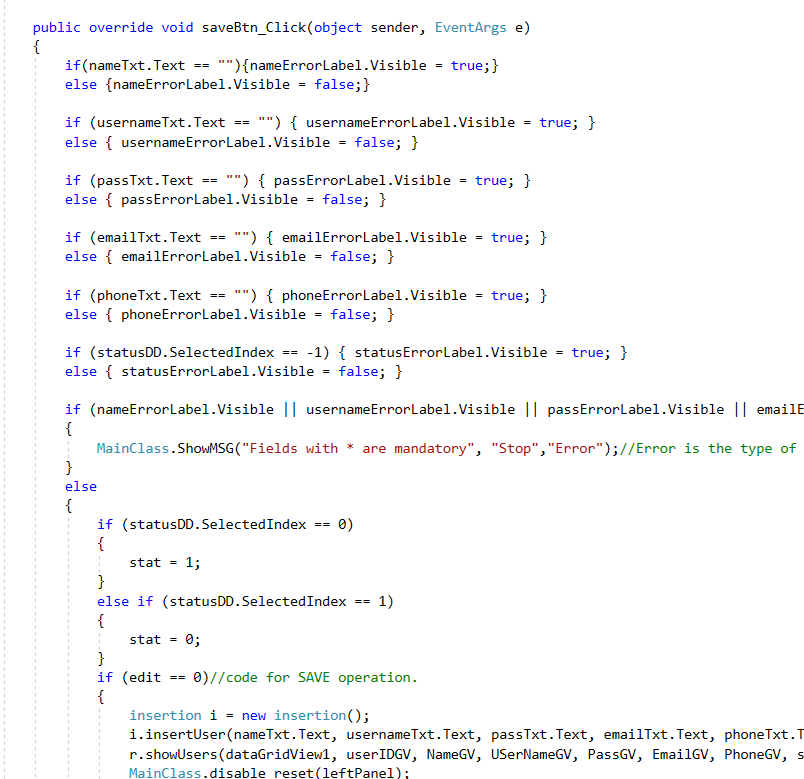
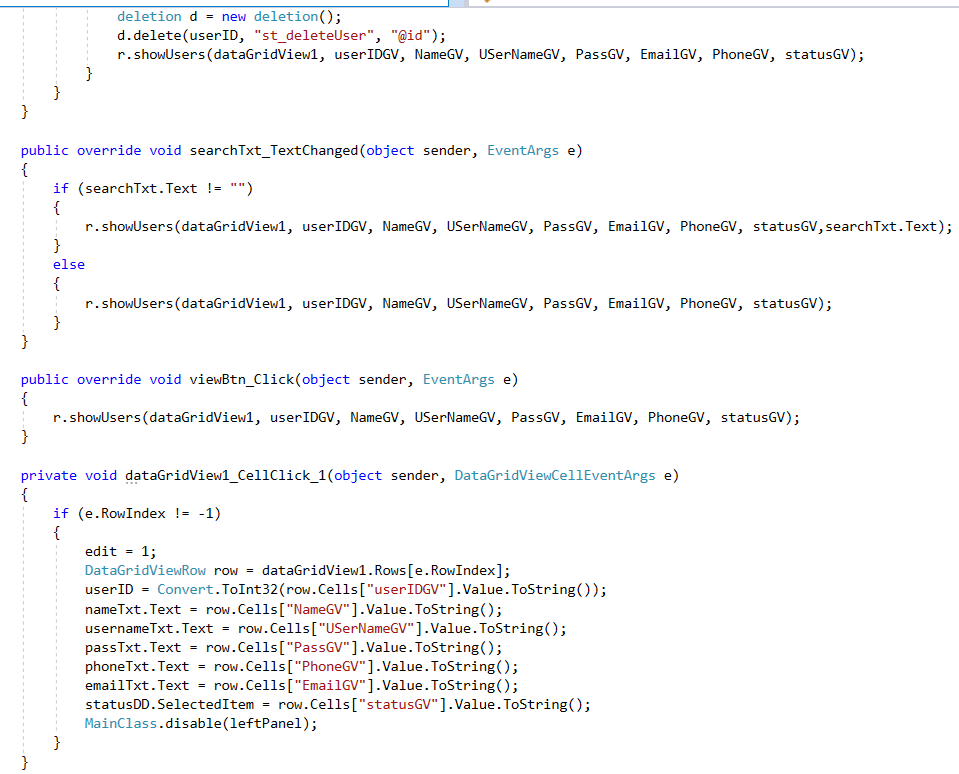


Figure 33: User screen







**Purchase Invoice Interface**

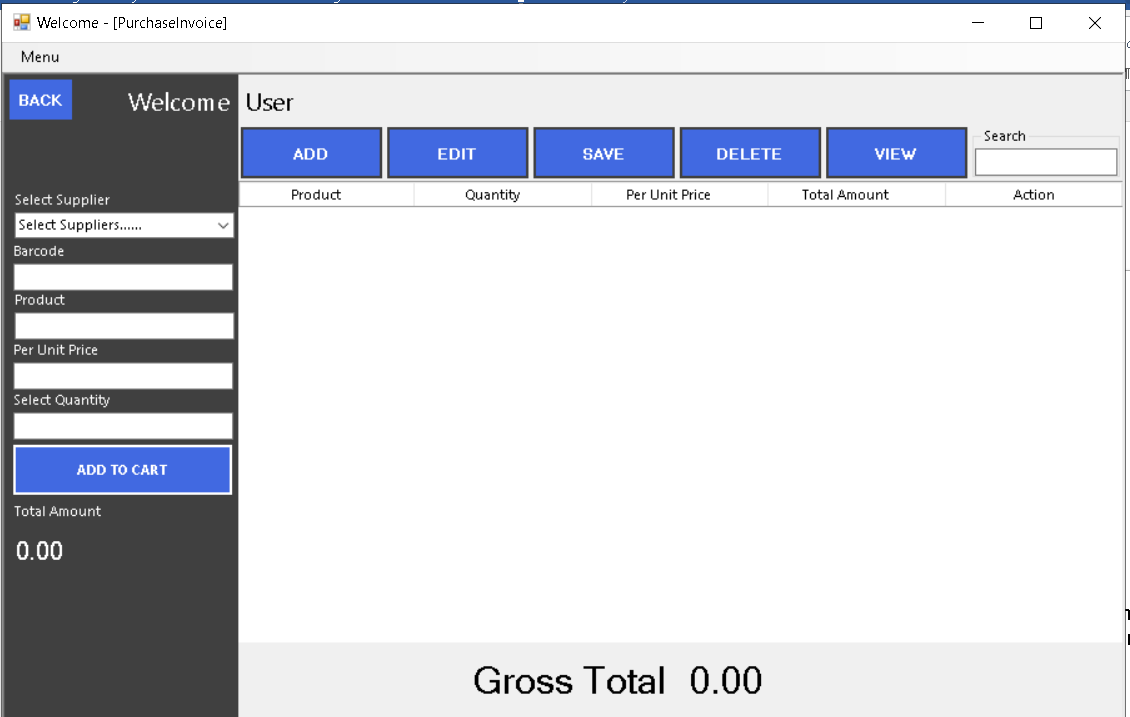


Figure 34: Purchase Invoice





Product Interface with code.

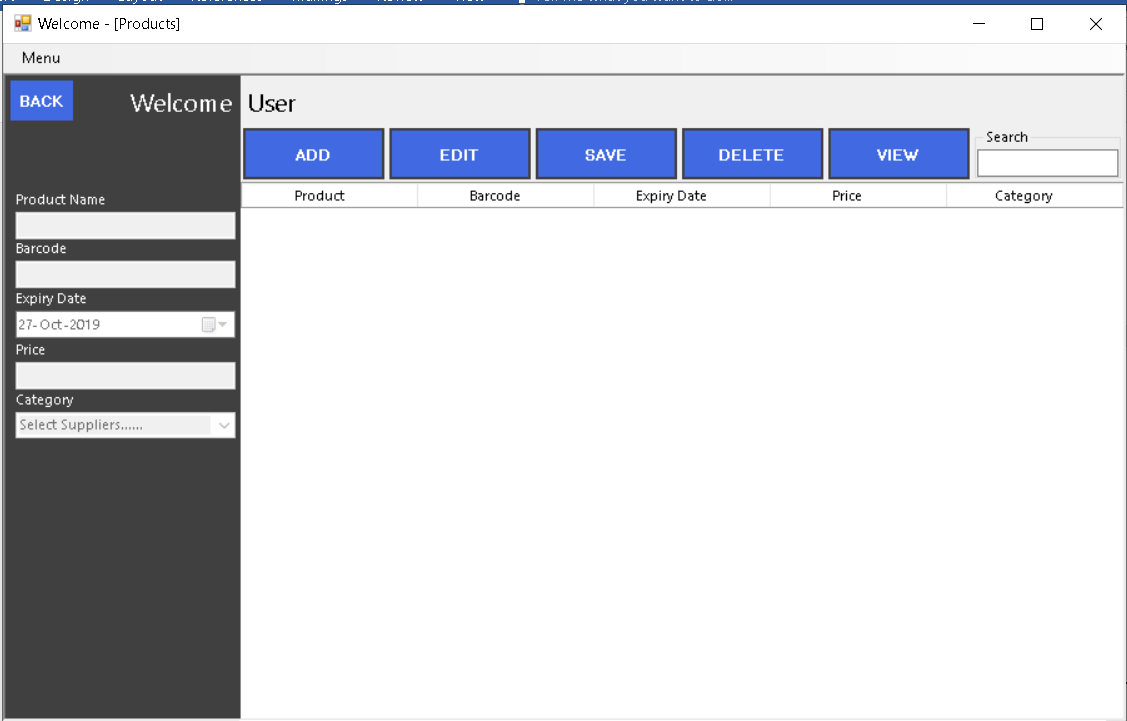
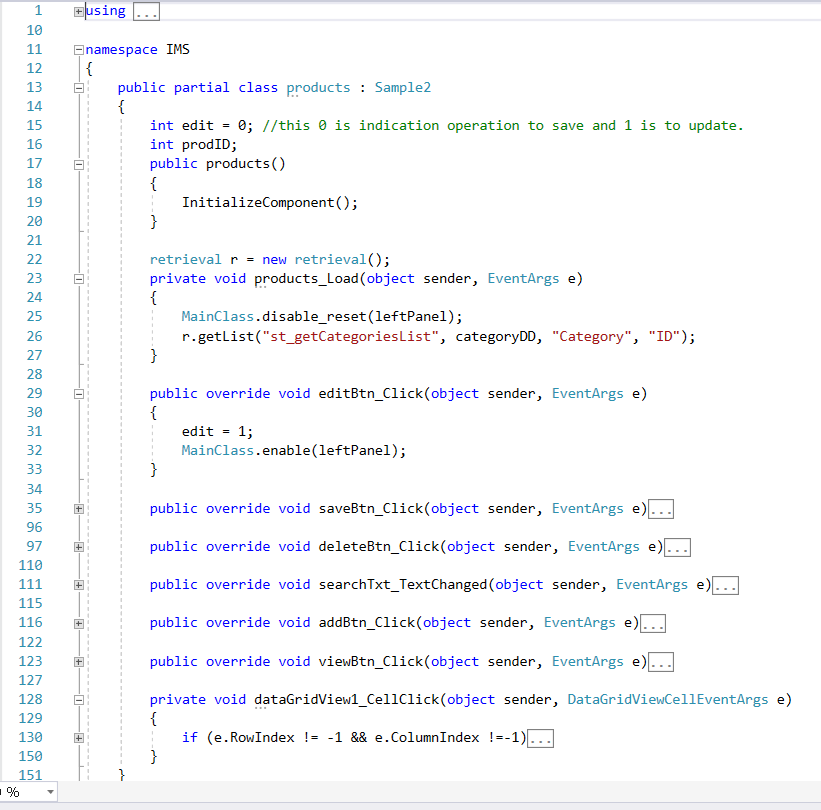


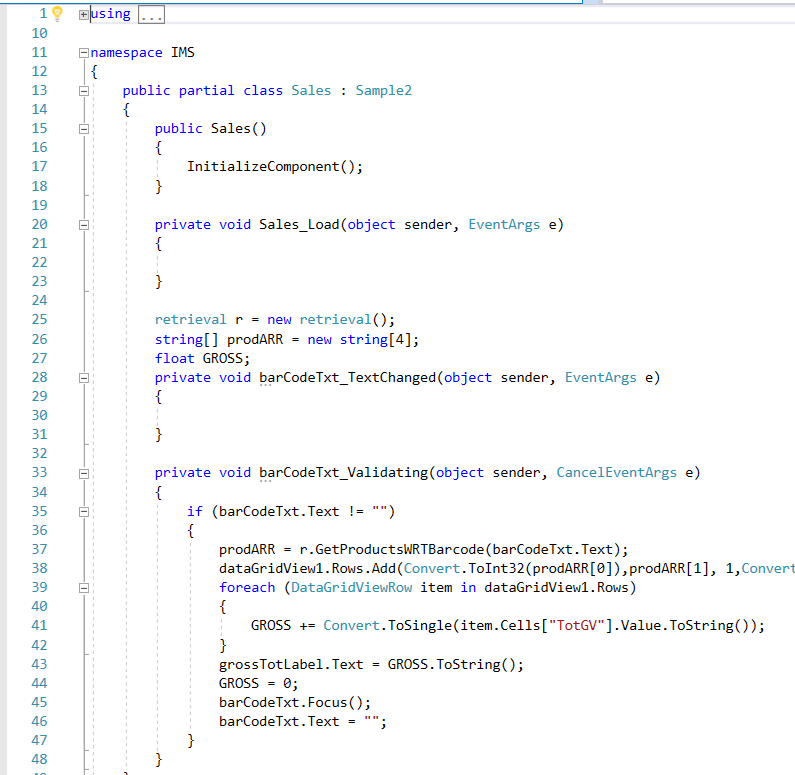
Figure 35: Product screen



Sales Interface with Code



Figure 36: Sales Screen



Setting Interface with code

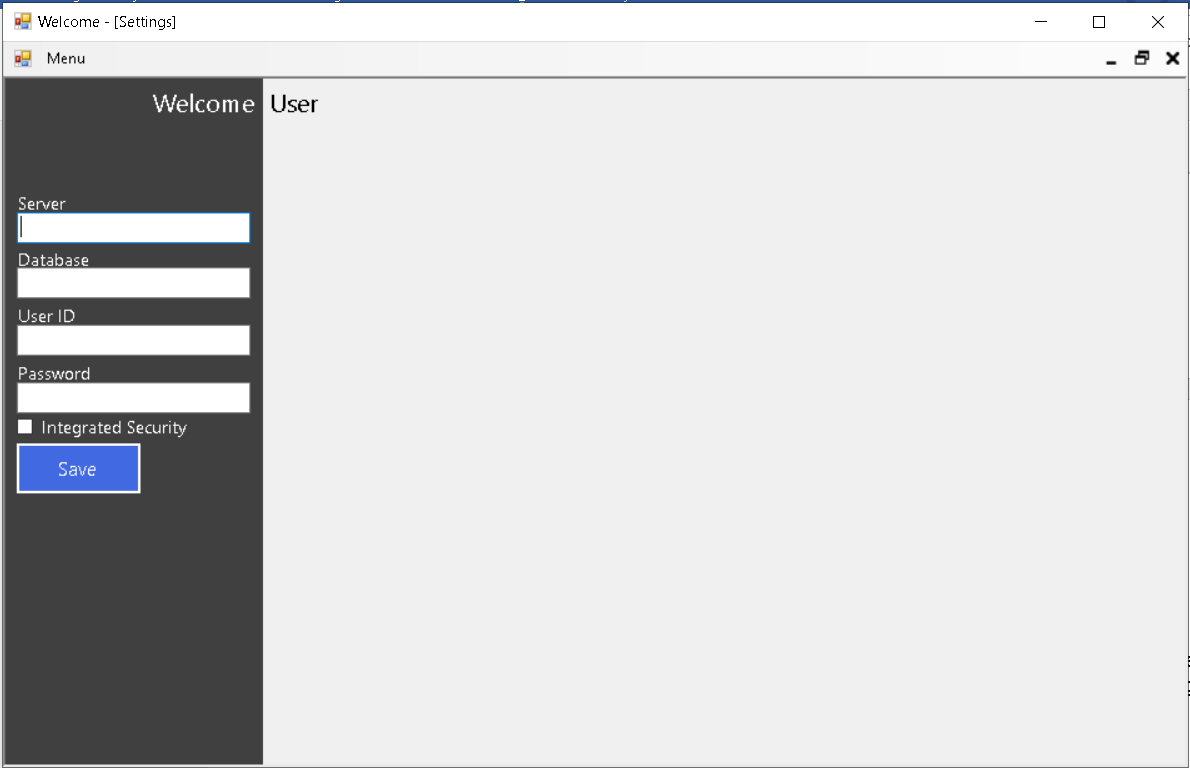
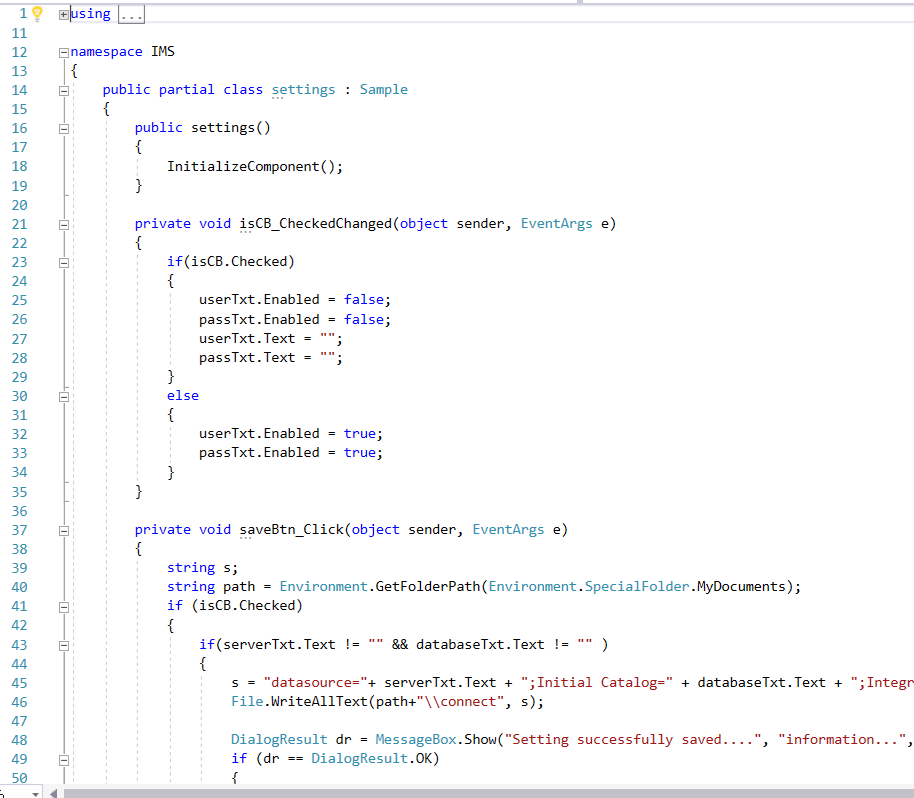
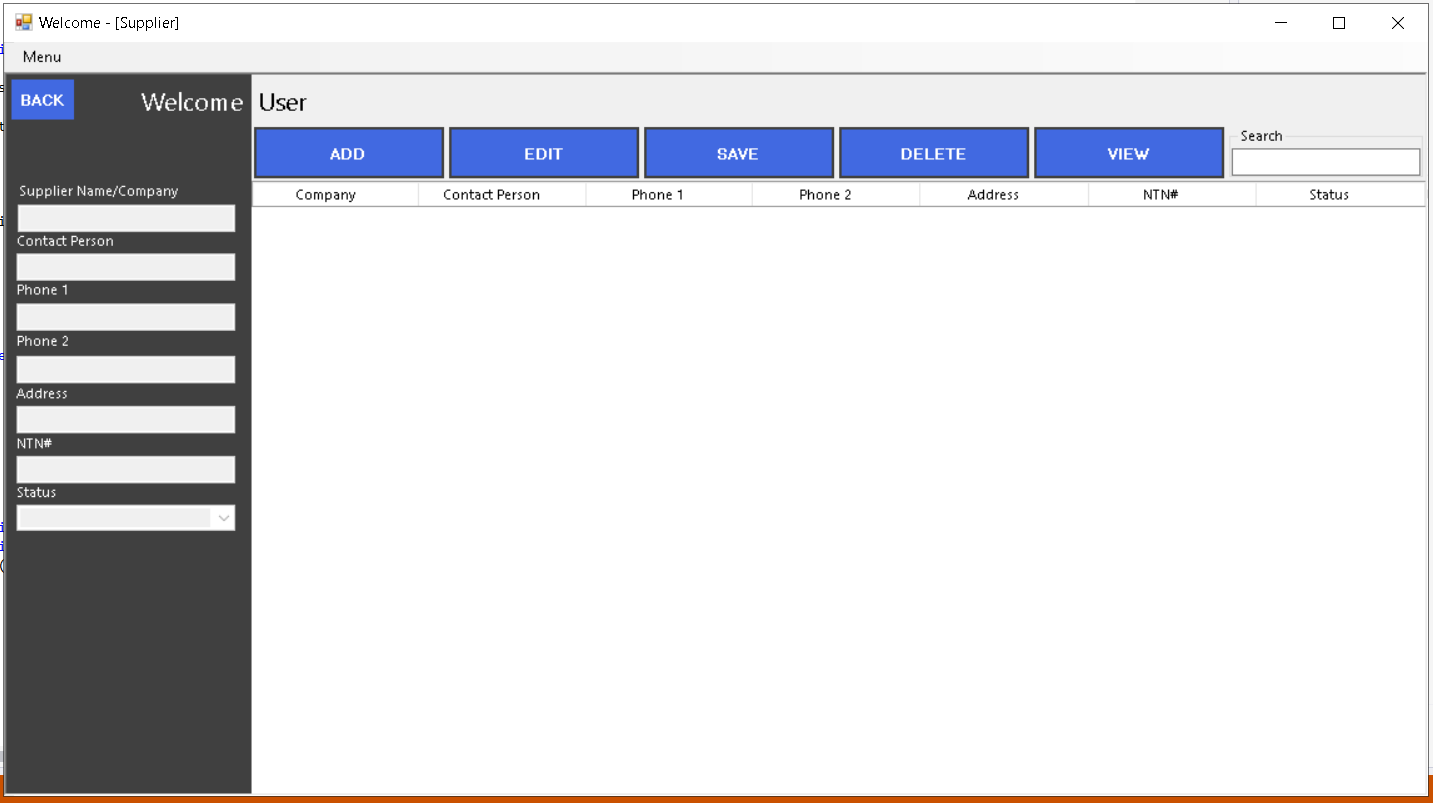
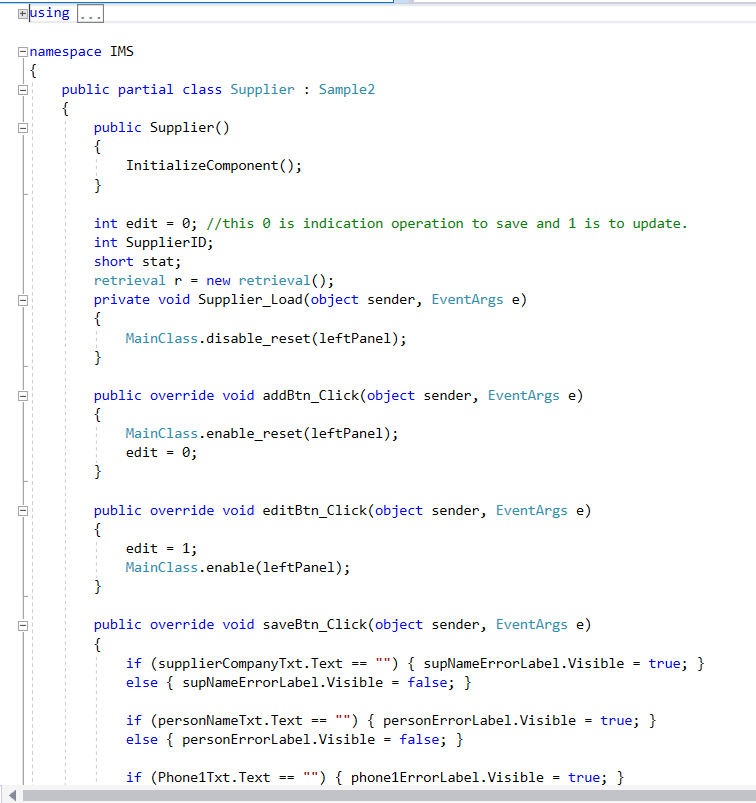


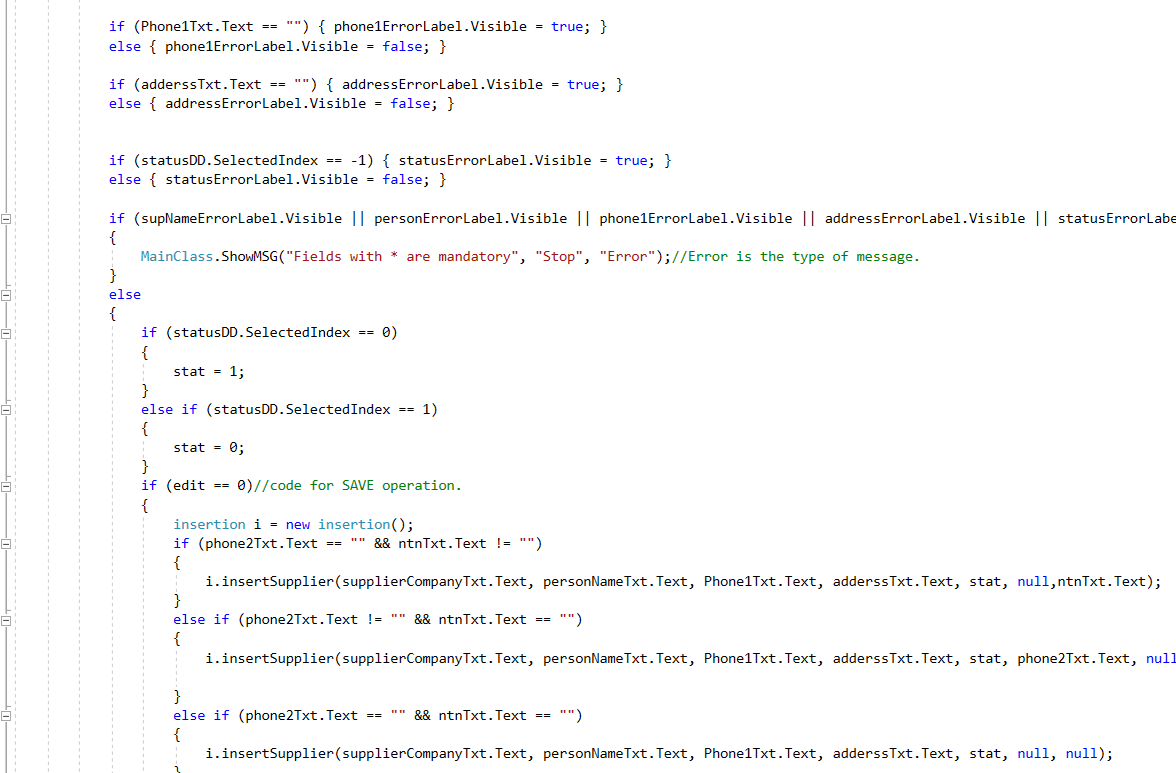
Figure 37: Database Connector

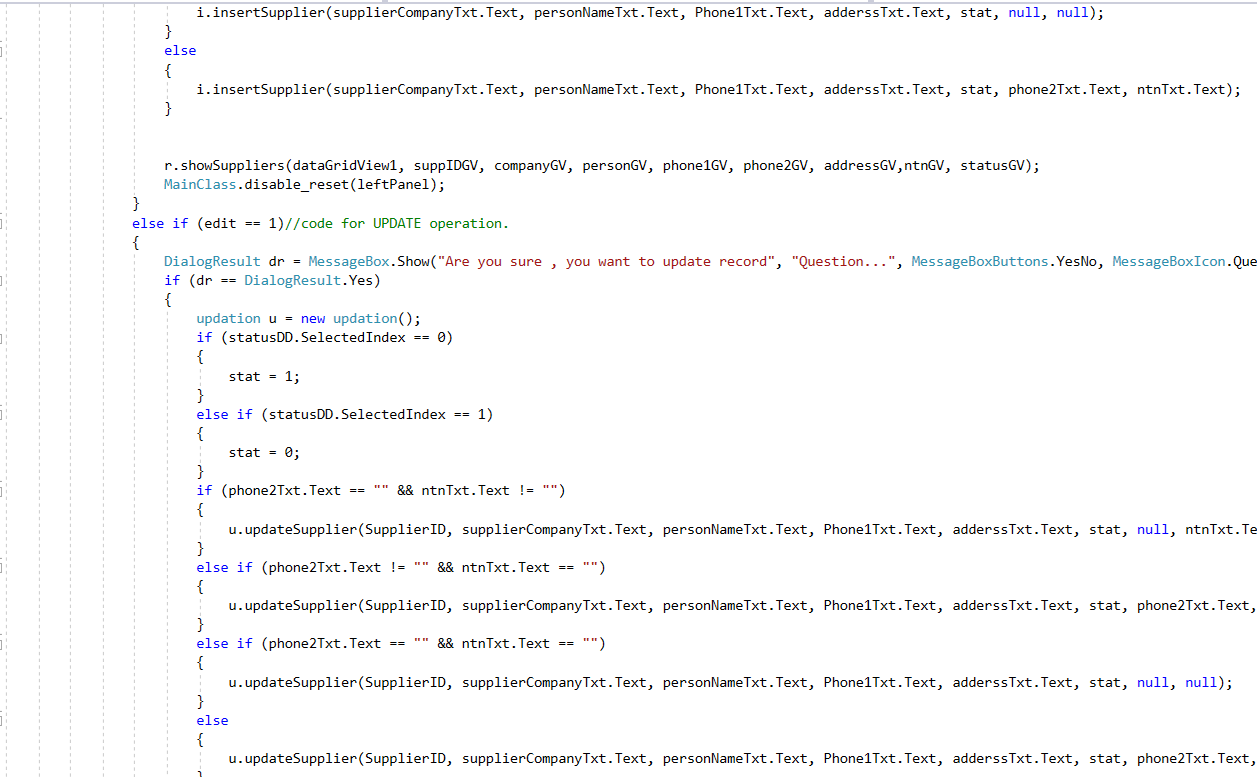


Supplier Code with interface



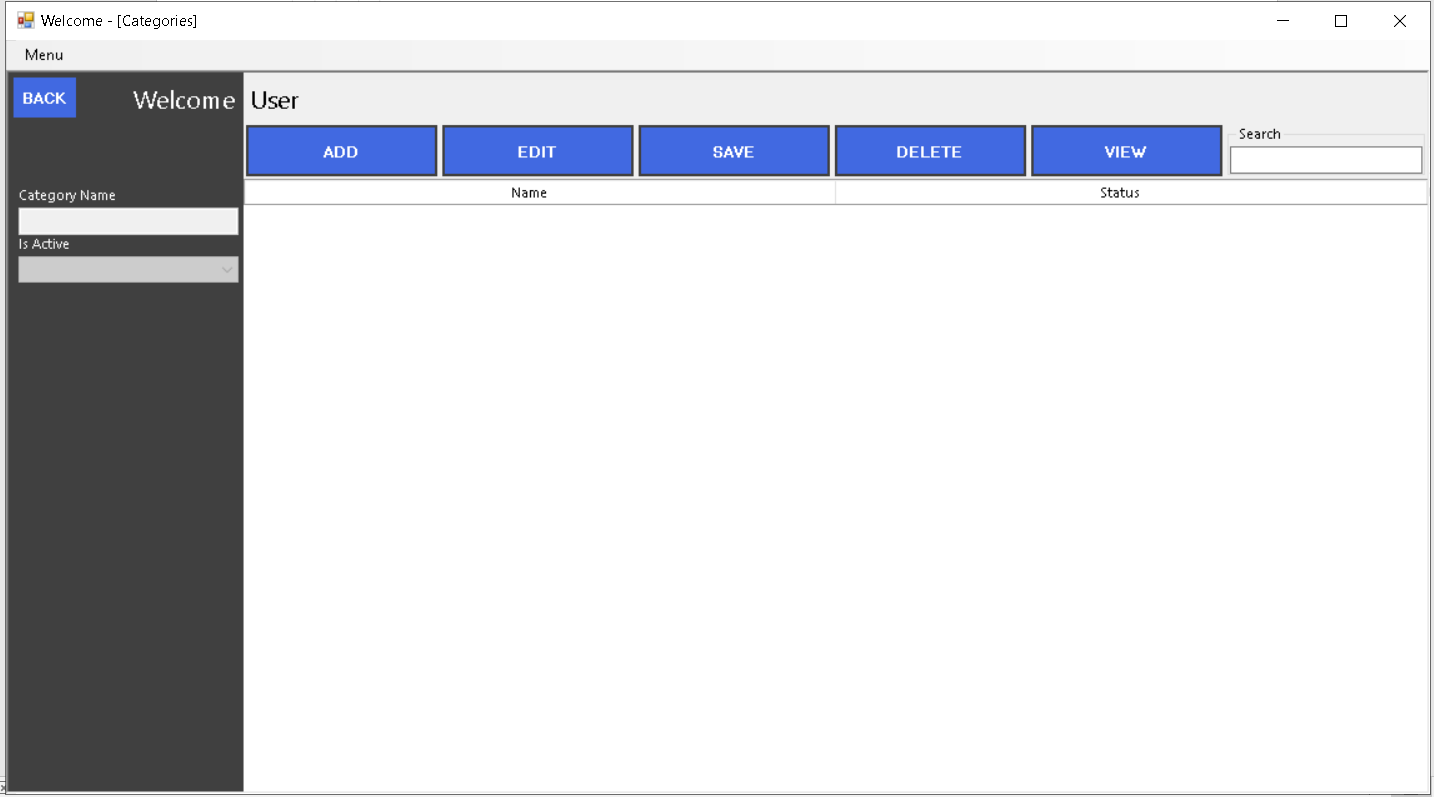


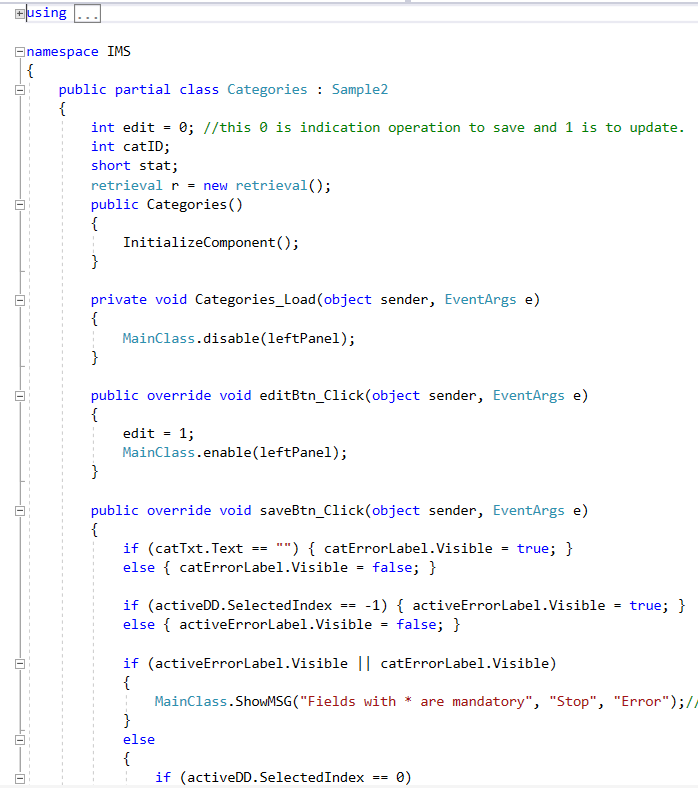


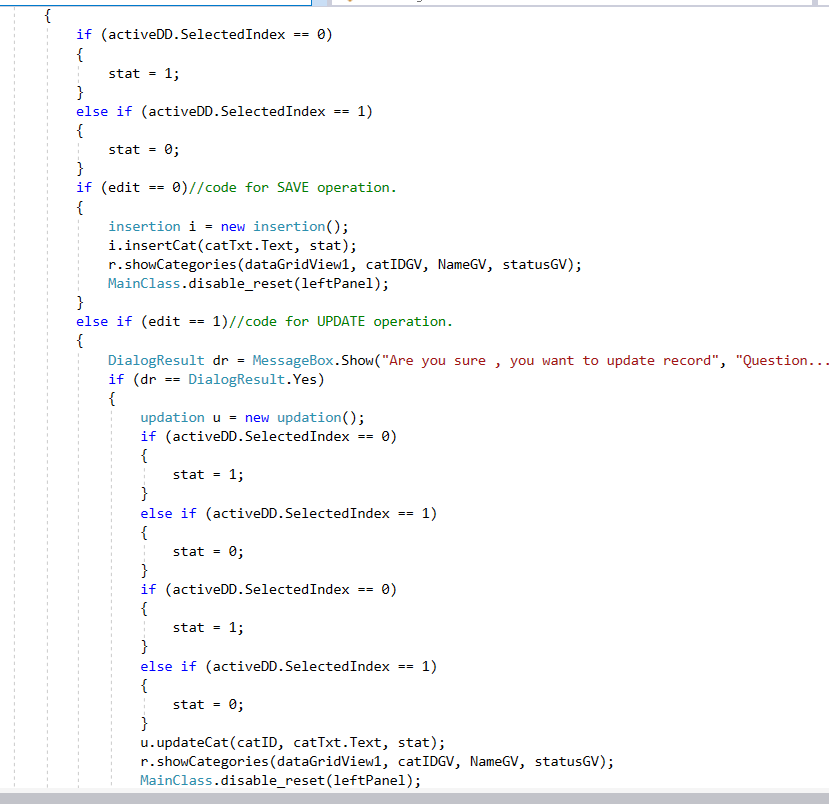




Category Interface with Code.

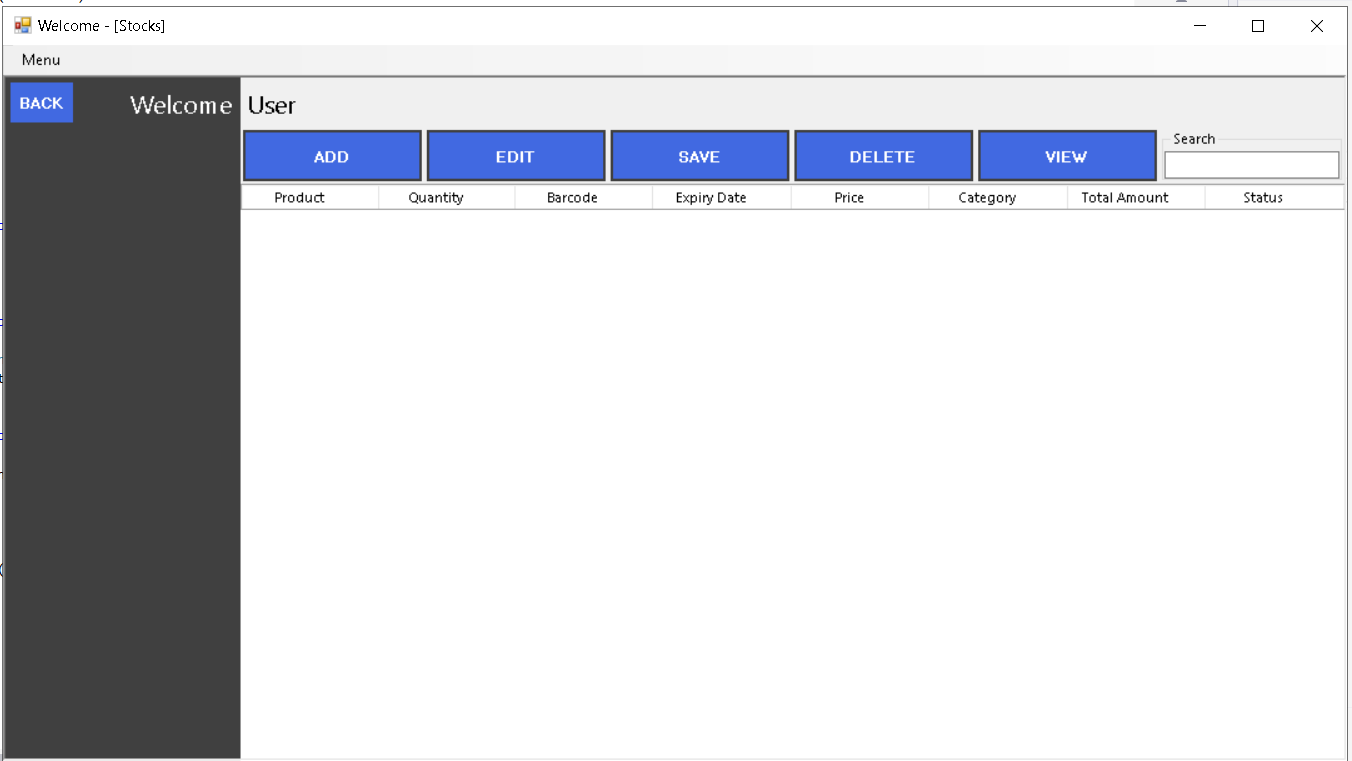


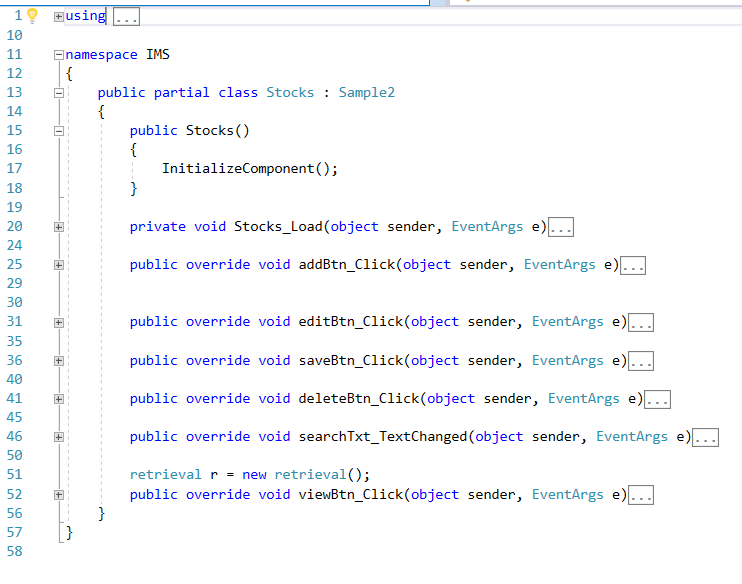




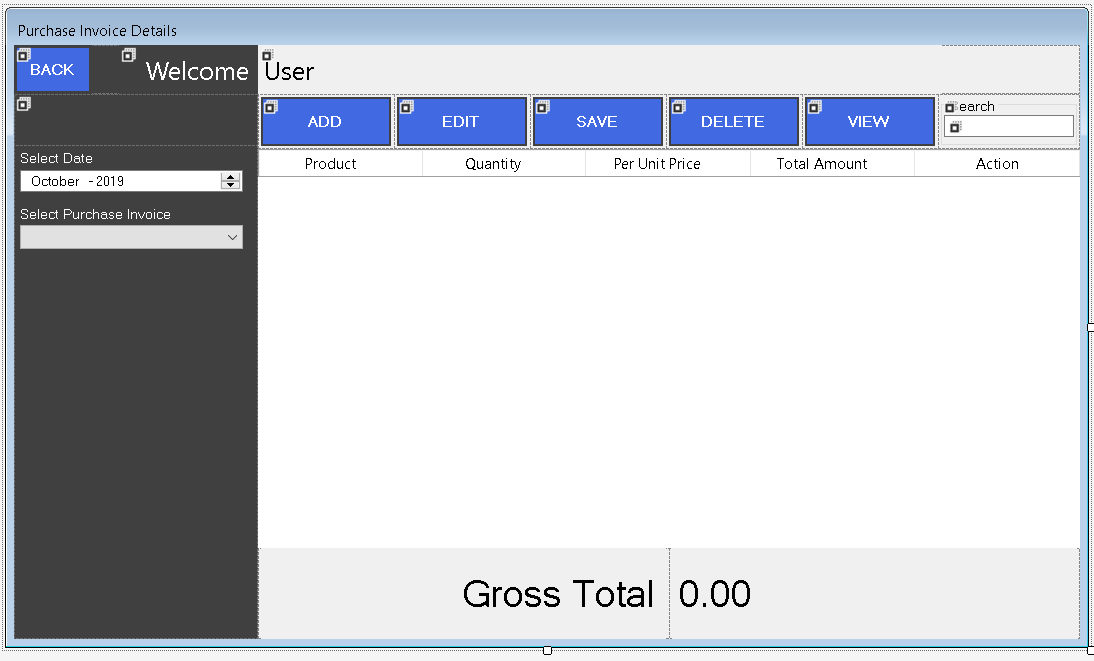


Stock Interface with Code

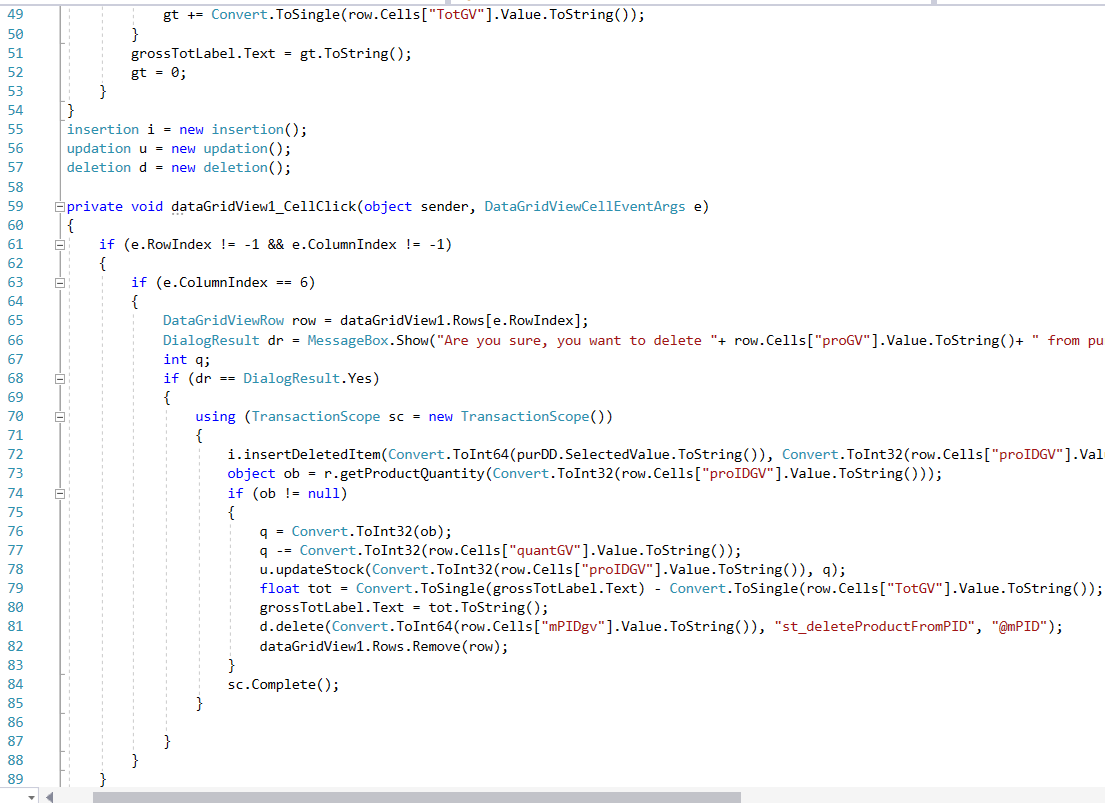




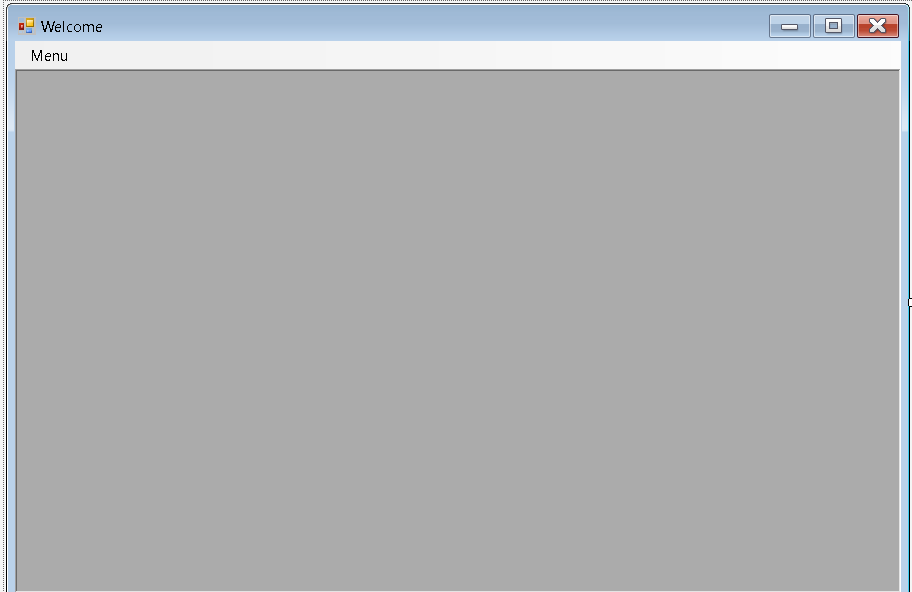
Purchase Invoice Detail

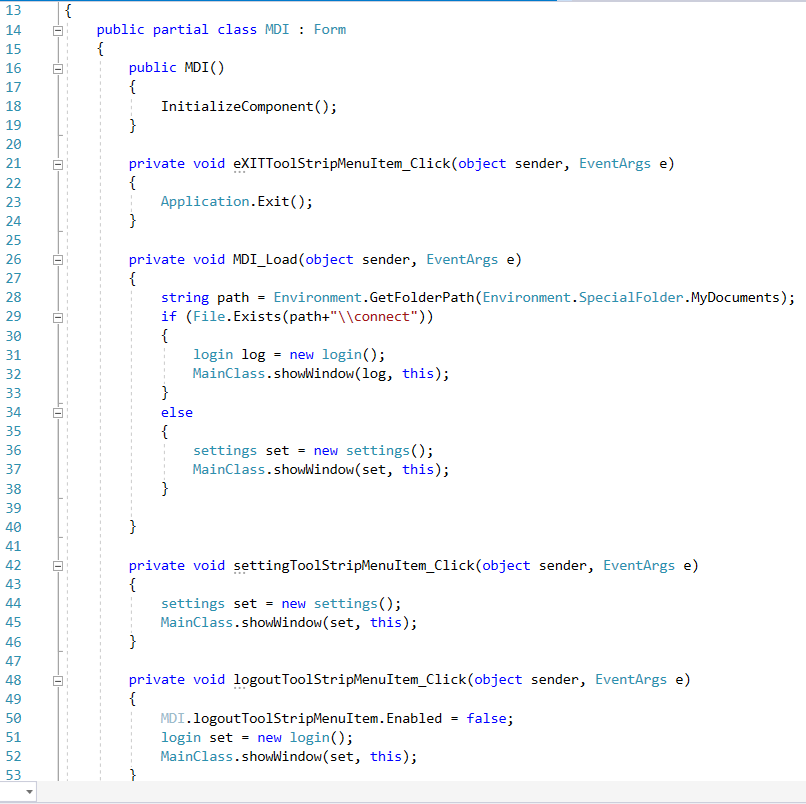




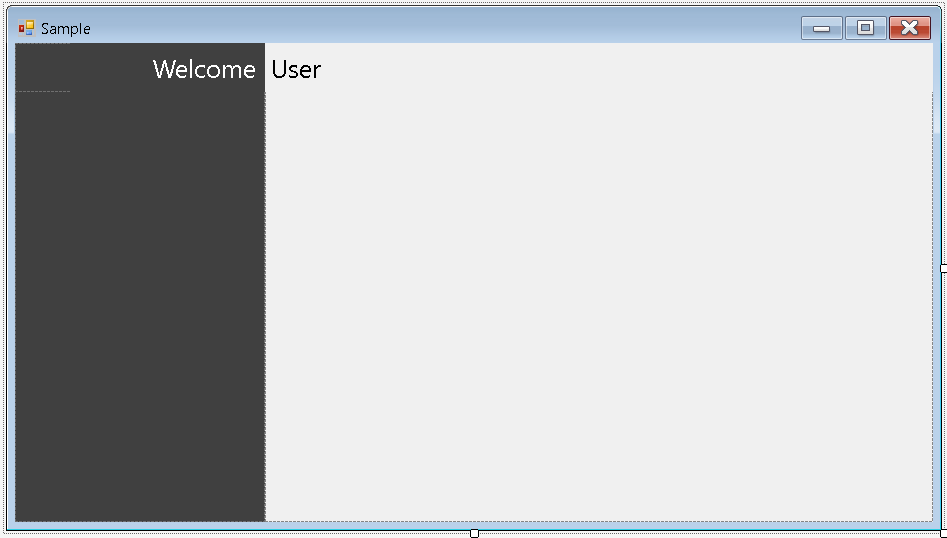


MDI Interface which is create as parent to inherit Form.

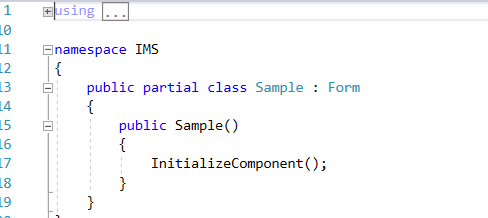




Sample Interface with code



Inherit from form



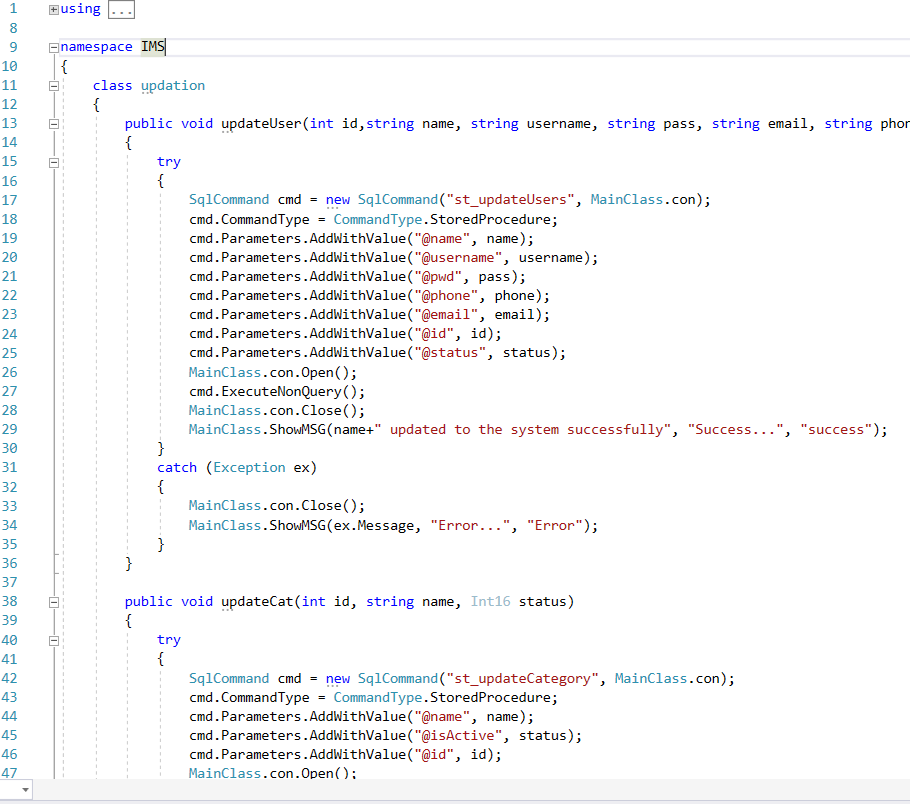
Sample 2 with code

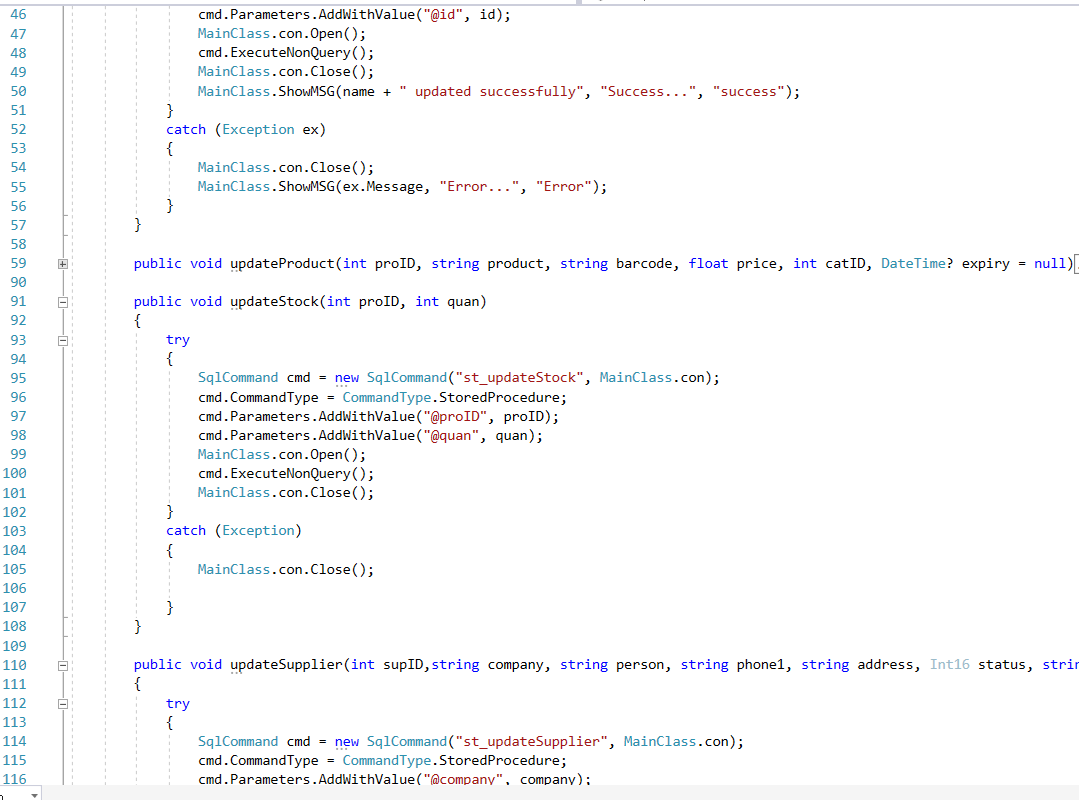
This form is used to make other same forms like this through inheritance.





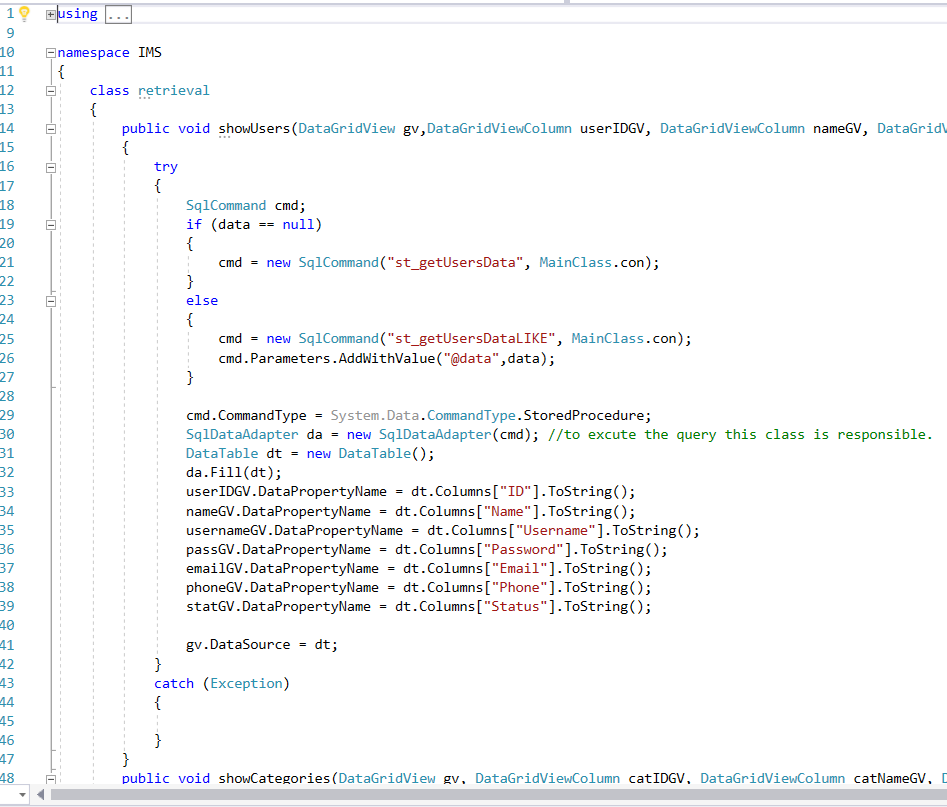
Updating class Code

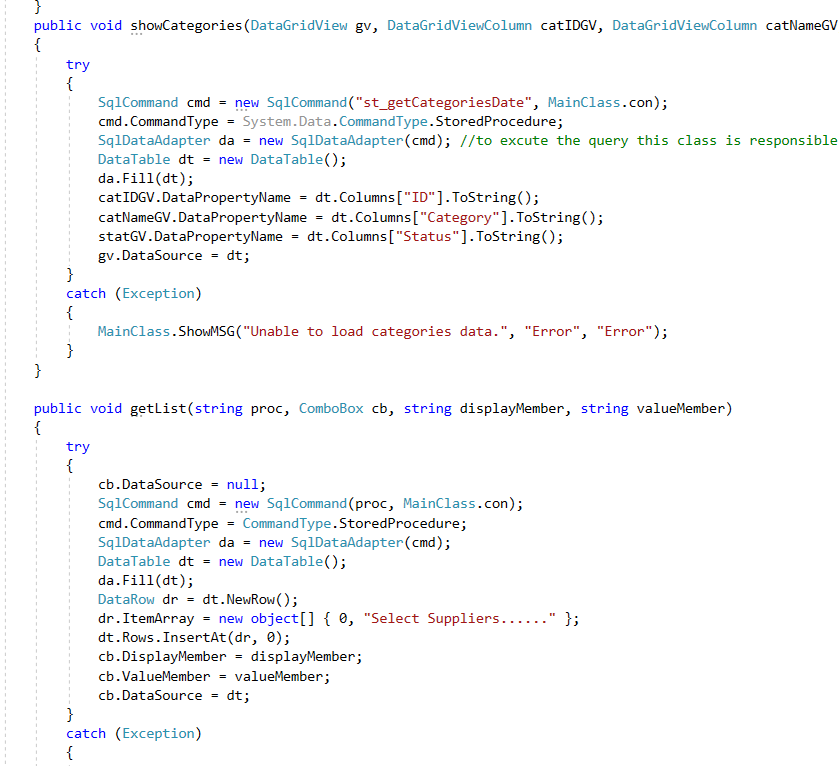


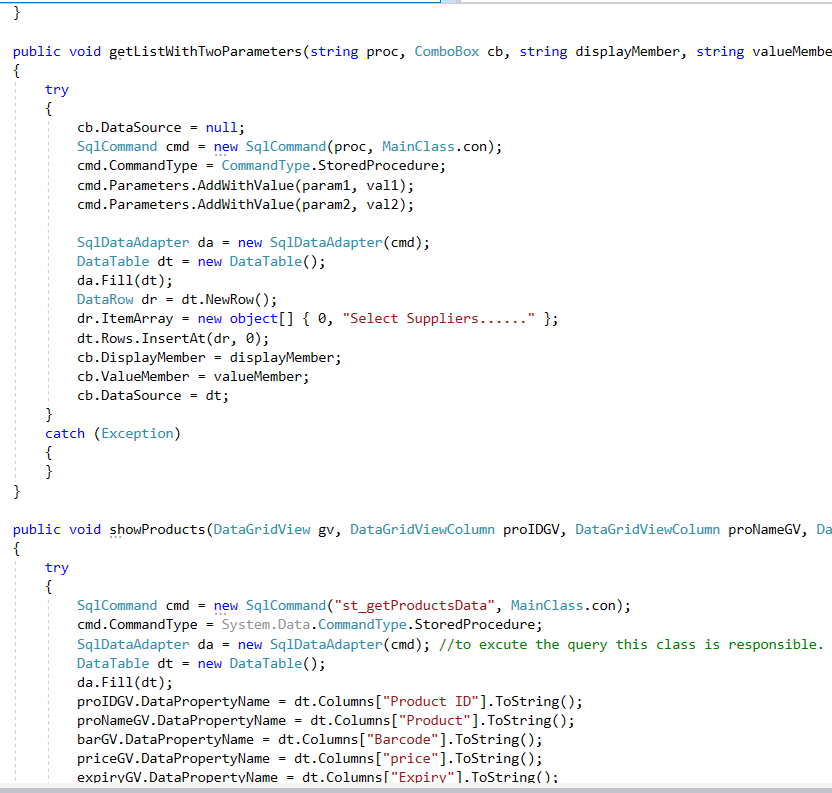


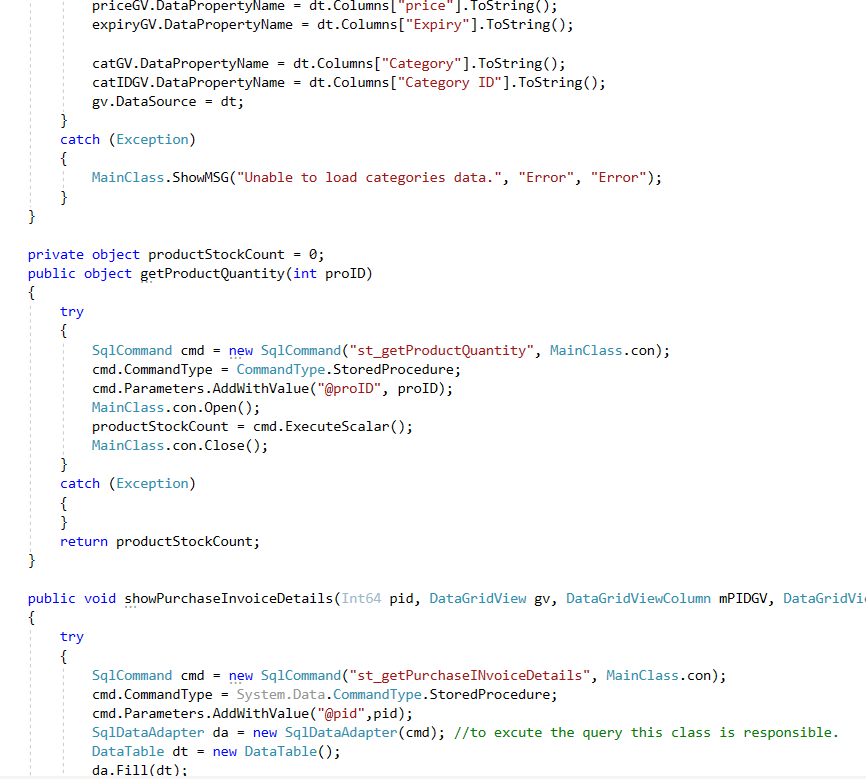


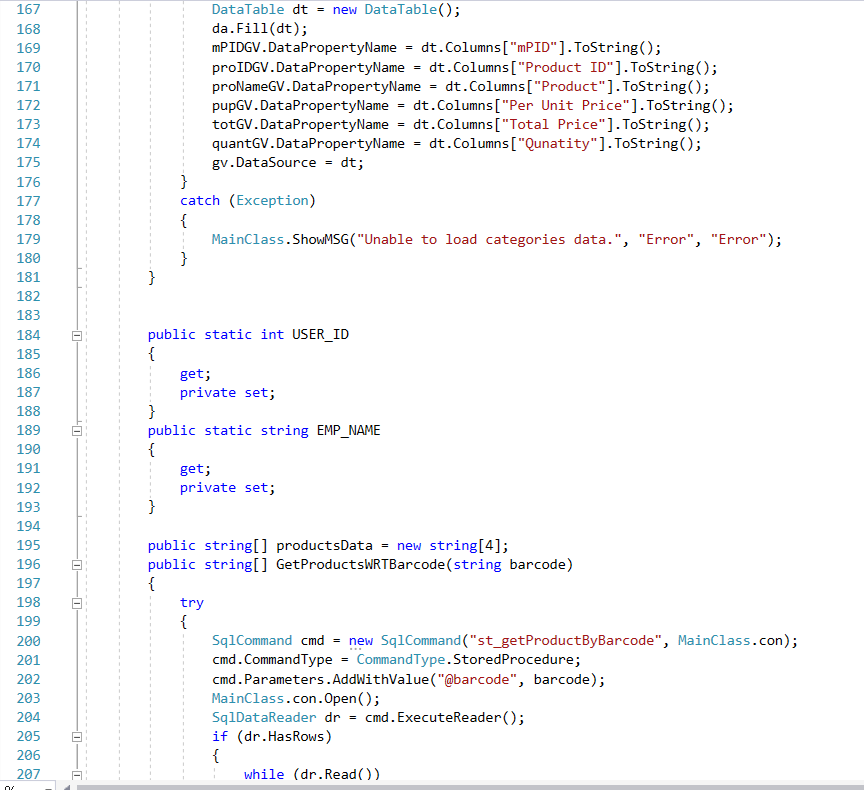
Retrieval Code

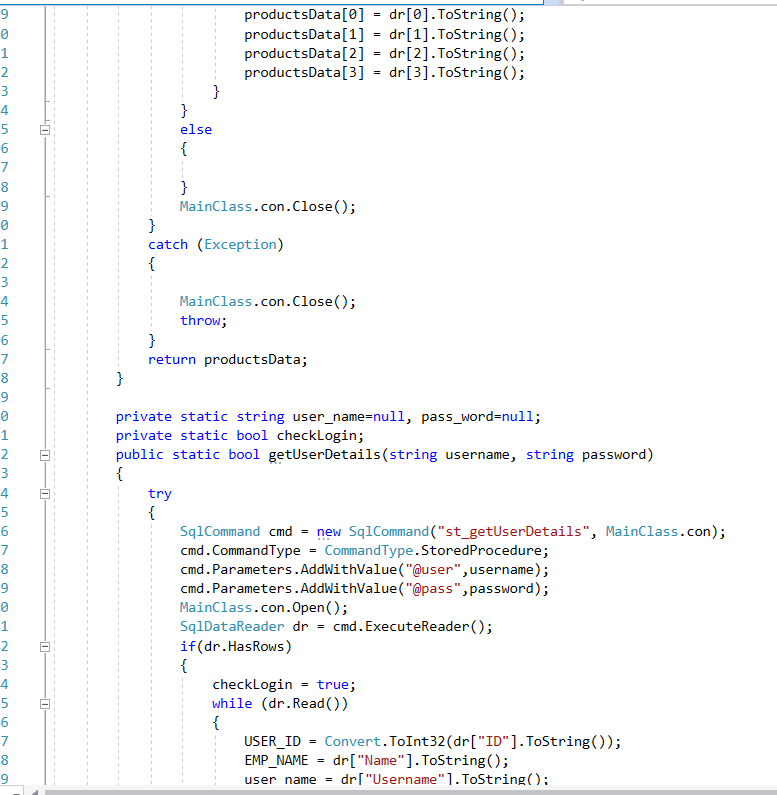




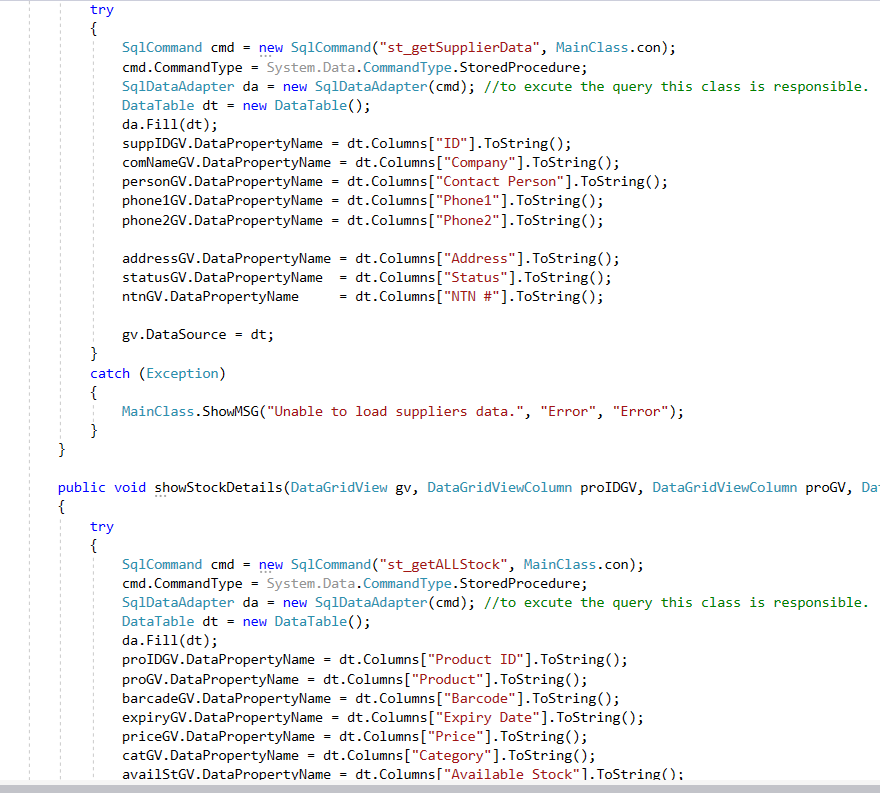






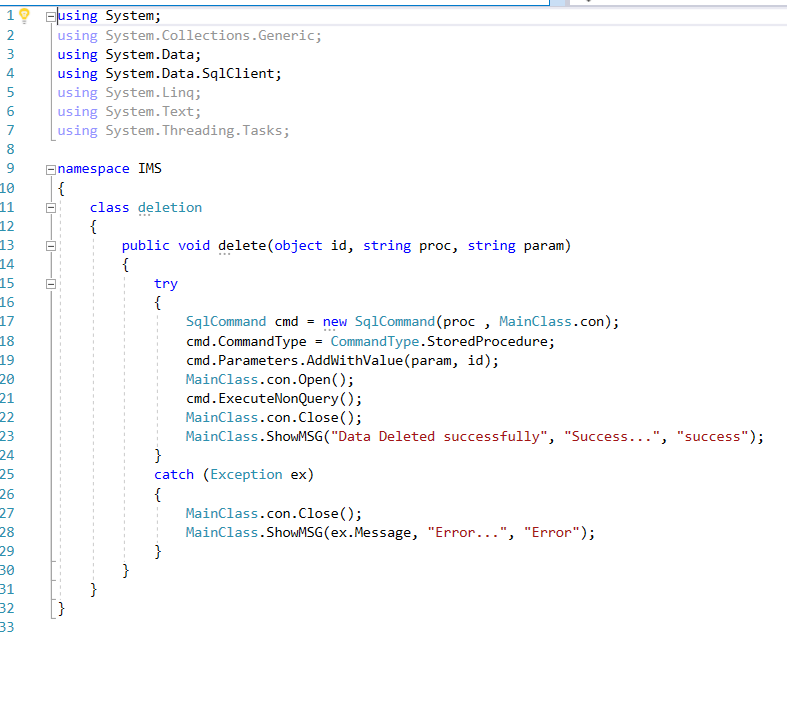




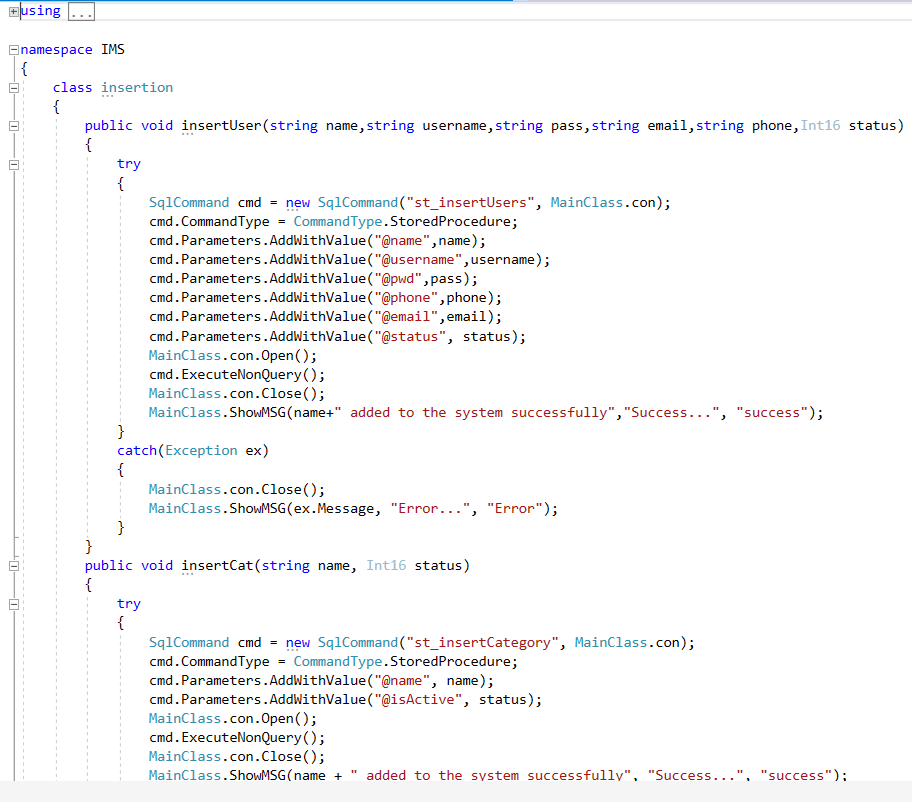


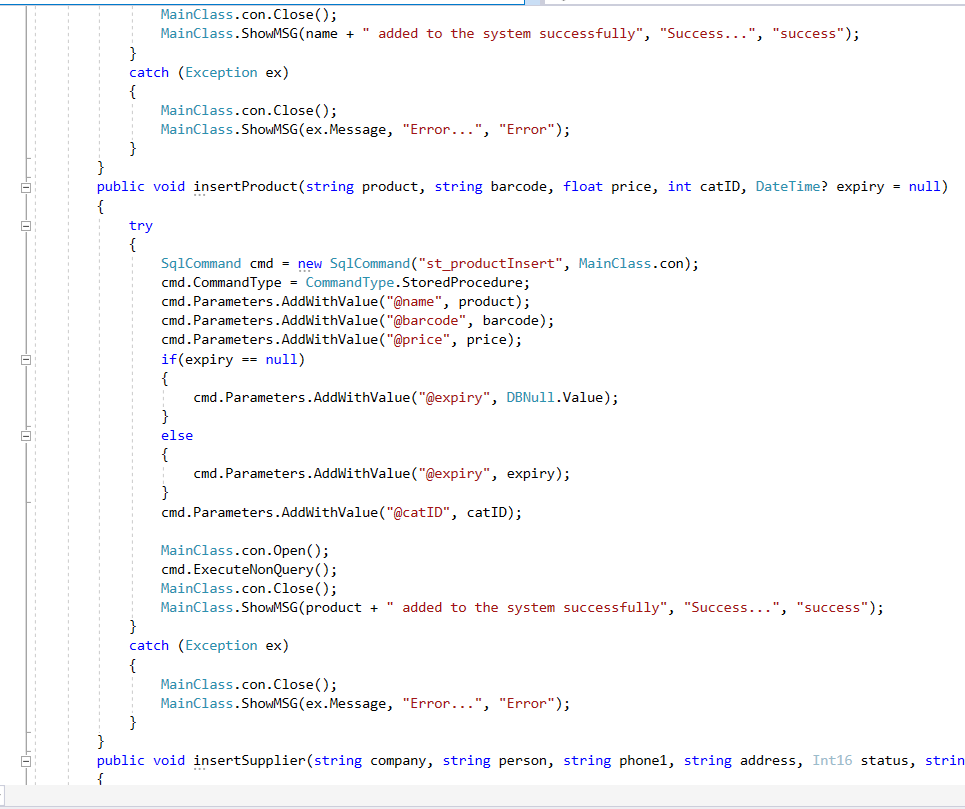


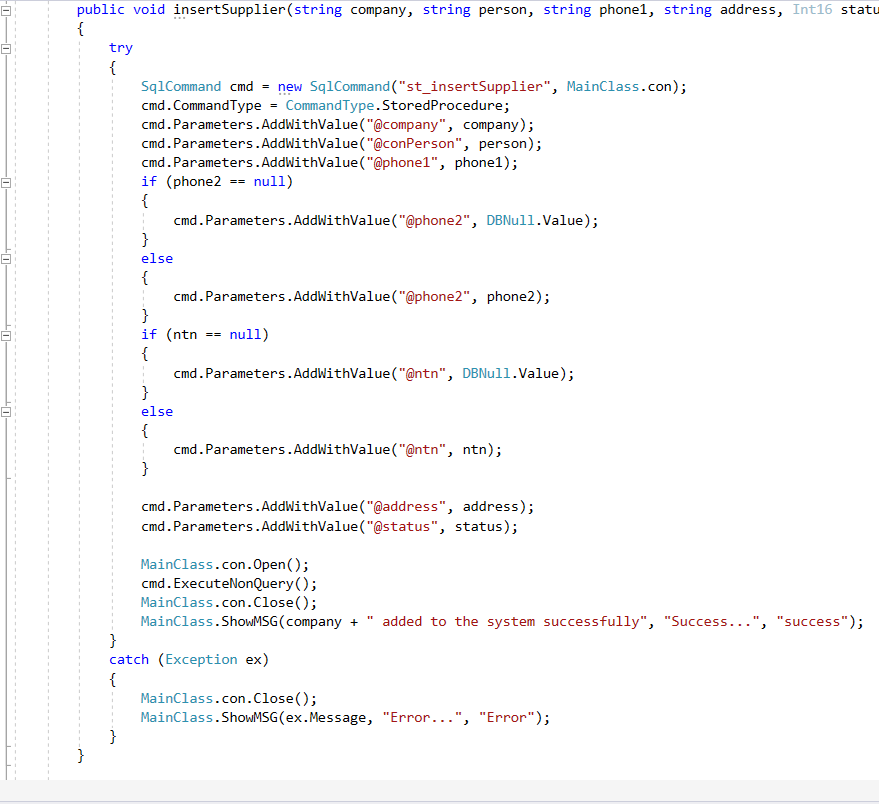
Deletion class Code

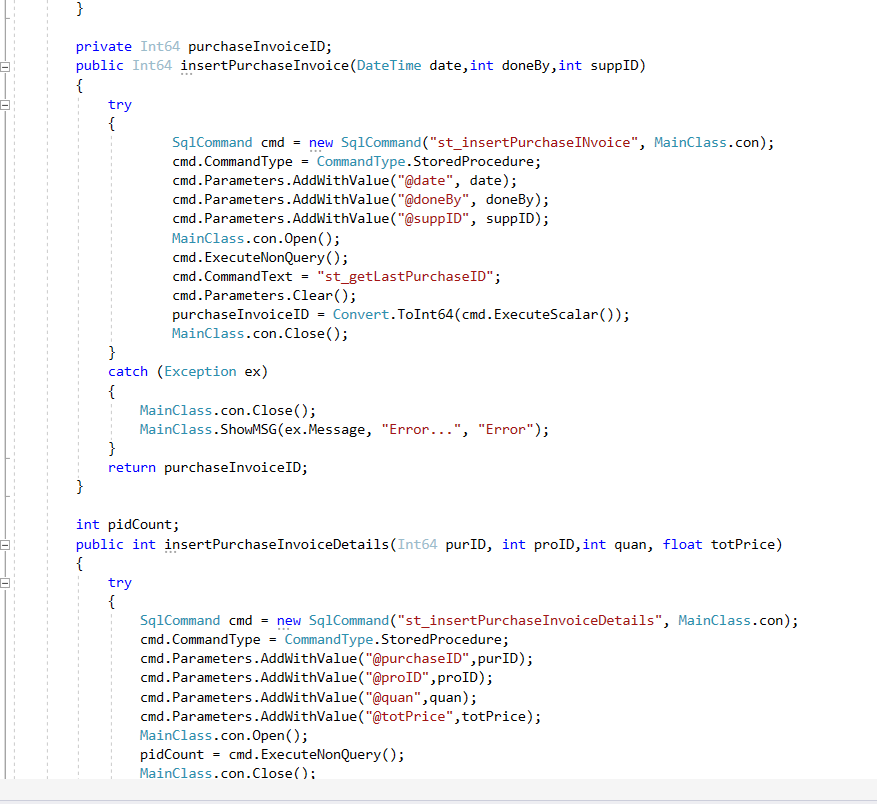


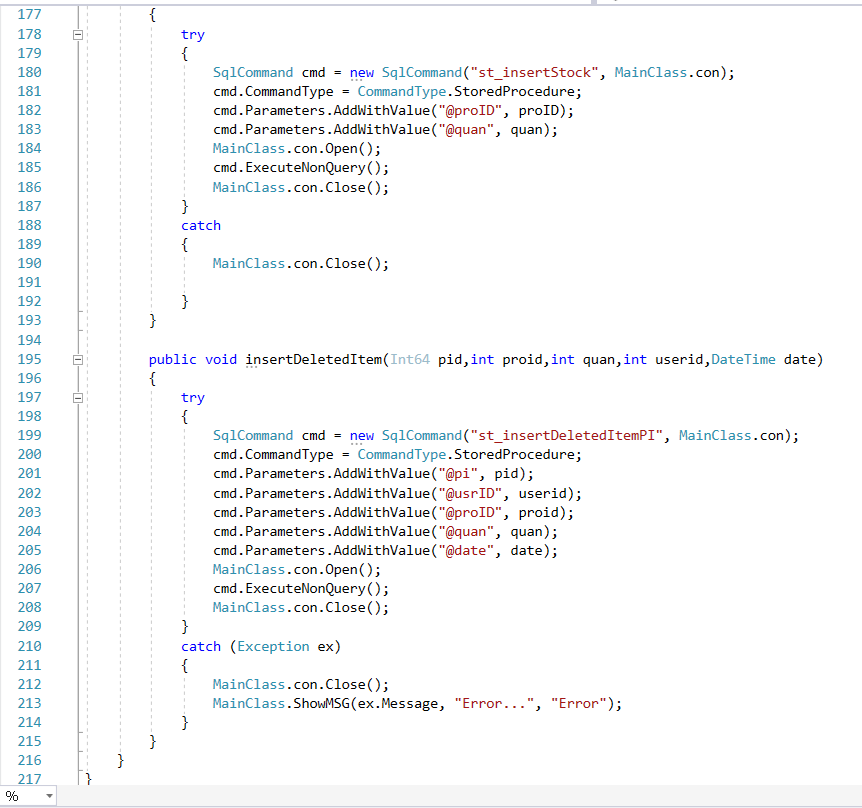
Insertion Class code



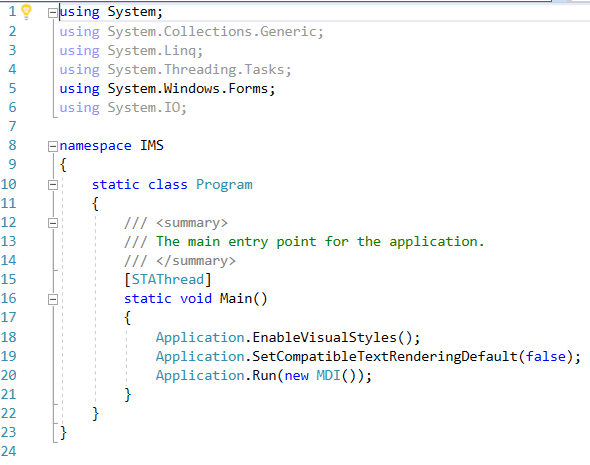




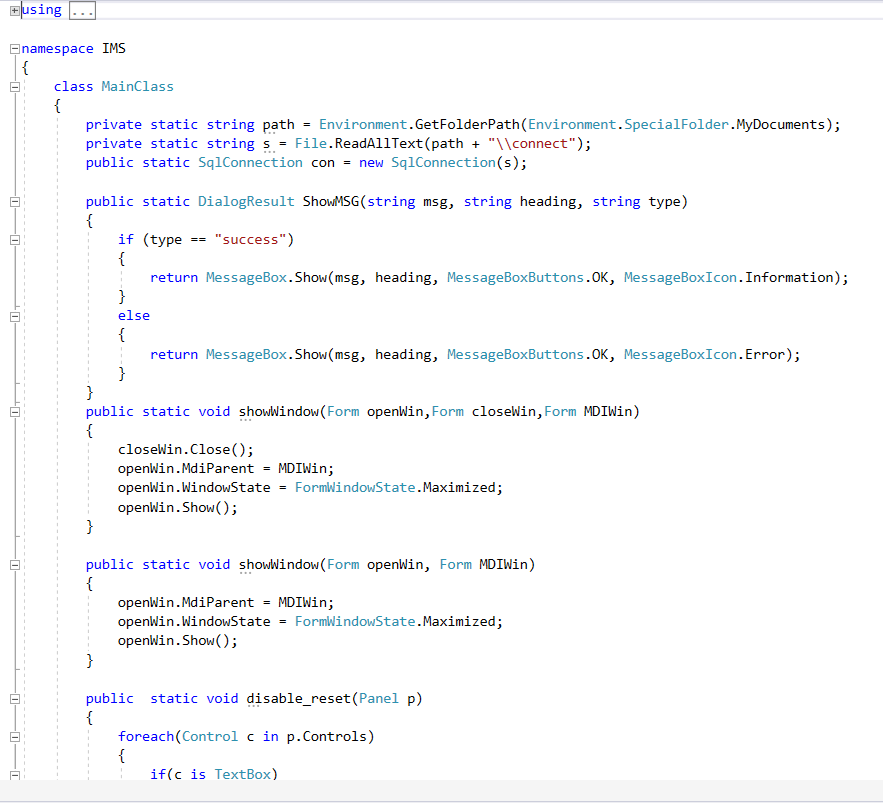


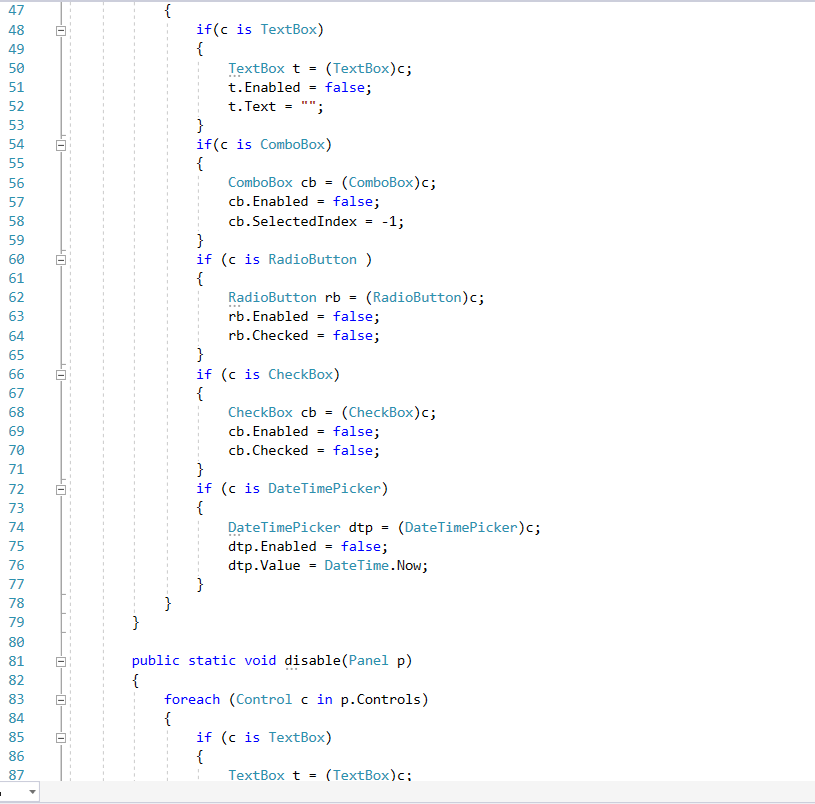


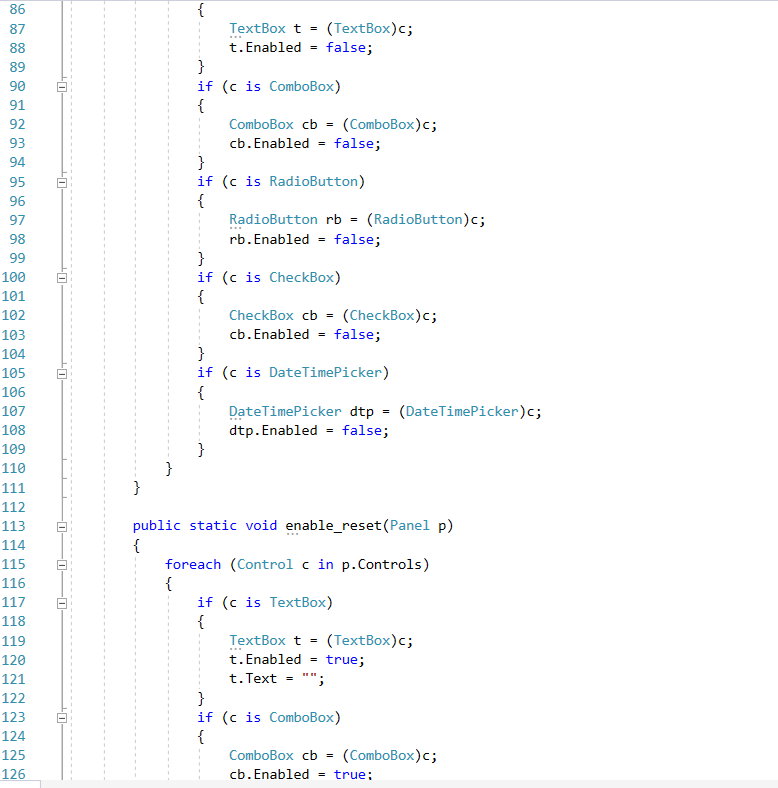
Program.cs code

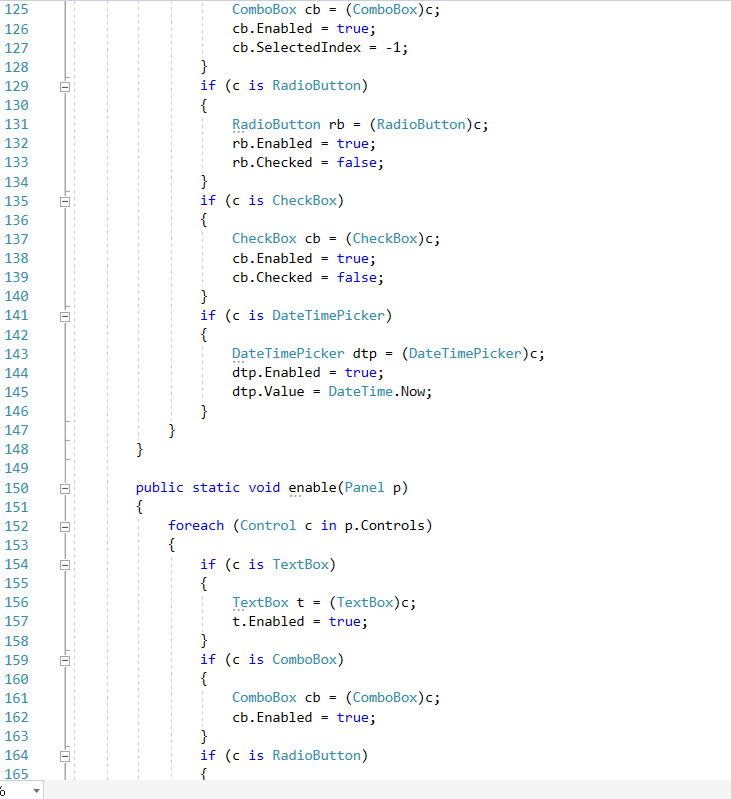


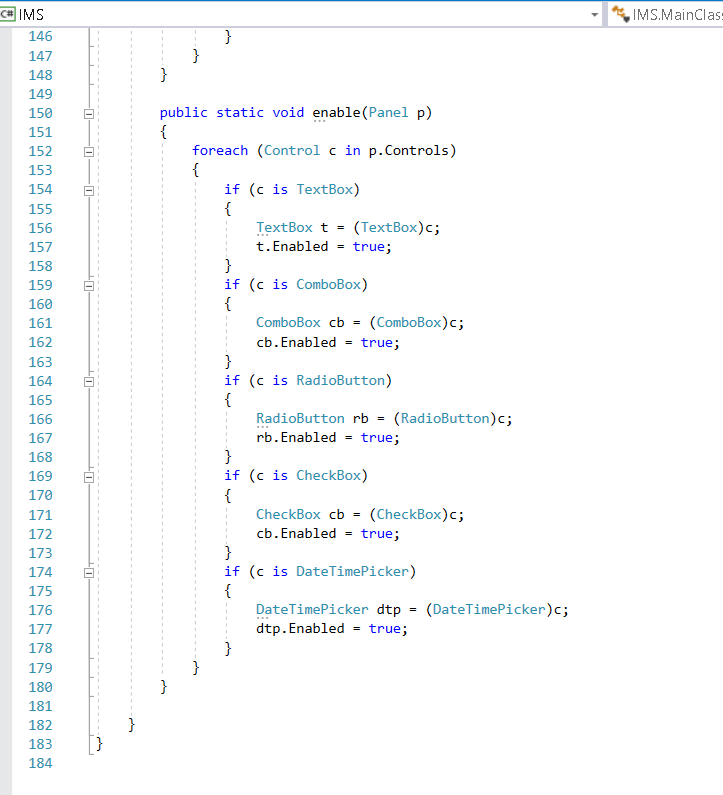
Mainclass.cs Code











**Database Table with different Queries:**

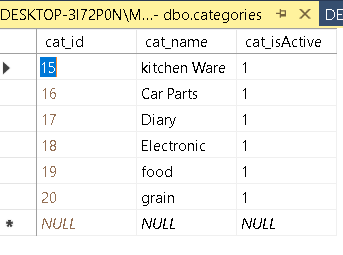
IMSDB is the name of database that I have created.

The table that are created in the database are shown in the figure.

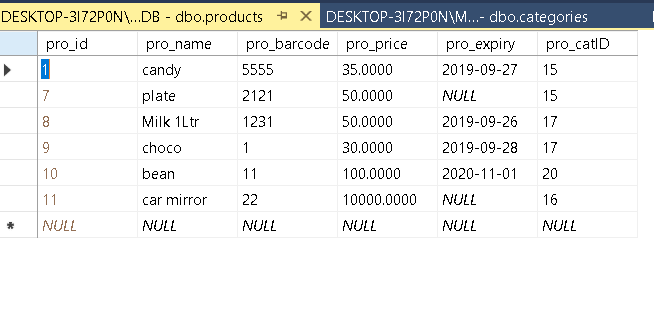
**System Stored Procedure**



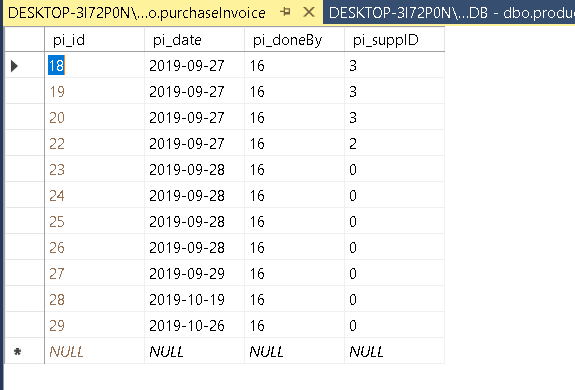
Category Table created in database



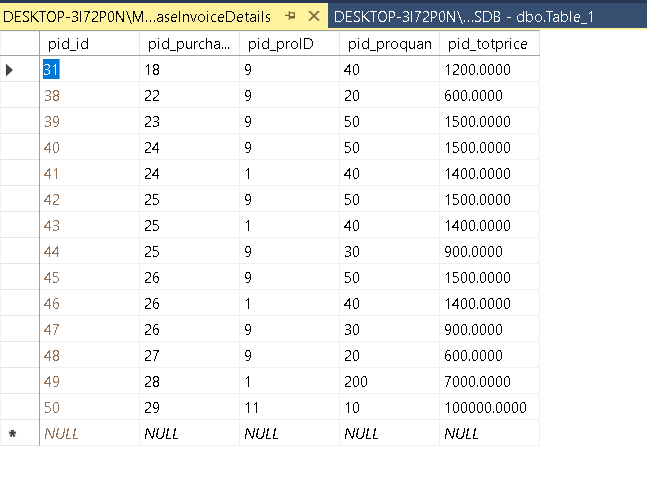
Product Table in database with entry data



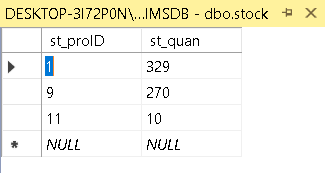
Purchase Invoice table with stored data



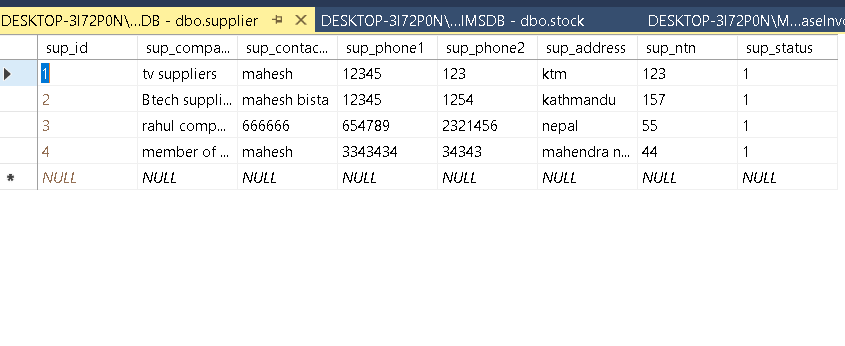
Purchase Invoice Detail table



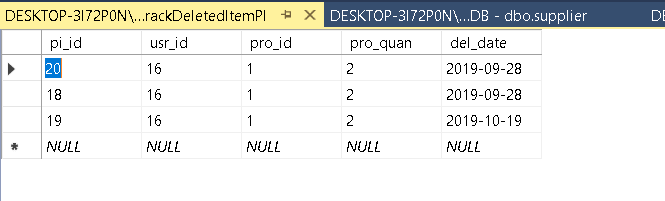
Stock table



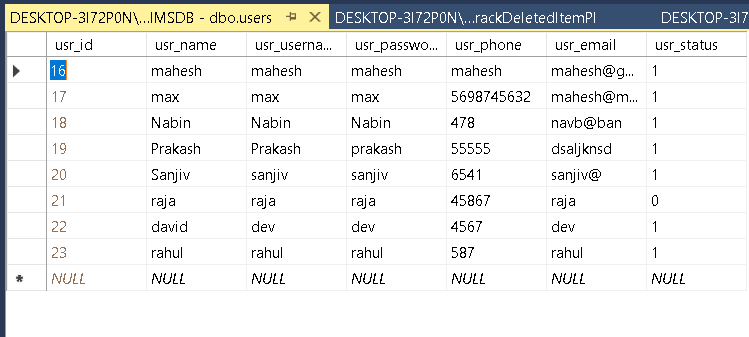
Supplier Table



Track Deleted Item



User Table with Stored data. Contain Username and Password.



**Table and Procedures Queries**

