**Twinkle Book Store**

Problem: Application to be flexible in design so that this can further be extended

in future with following current simple requirements.

Technology stack: Win forms, SQL; Free to use Open source, NuGet packages as

needed.

Solution:

Windows application developed in .Net framework 4.6

Nuget Packages used : EPPlus for Excel operations.

Referenced LogHelperLib project file.

Application flow:

Main Screen

Login

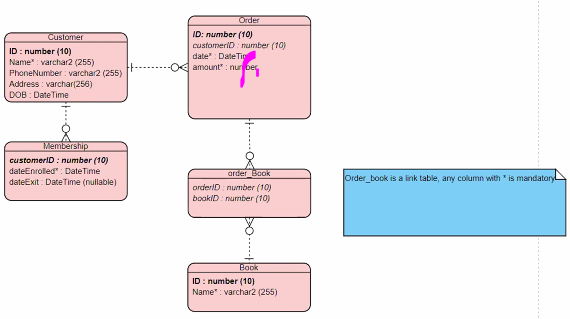
Add Sales

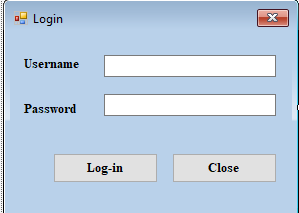
Search Customer

Add Customer

Database design:

**Screens:**

1. Login

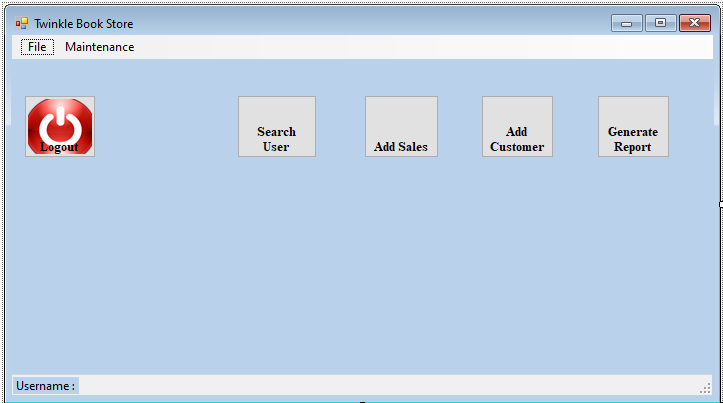


Login Screen takes input Username & password. The credentials are store in INI file and can be fetched by INI reader in TextReaderHelper.cs file.

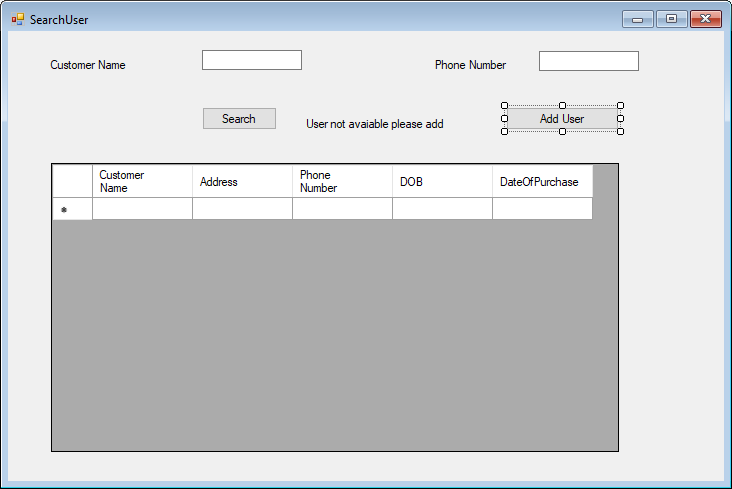
Admin credentials : User : master, pass:master123

Store employee : User : storekeeper, pass :store123

1. Main Screen

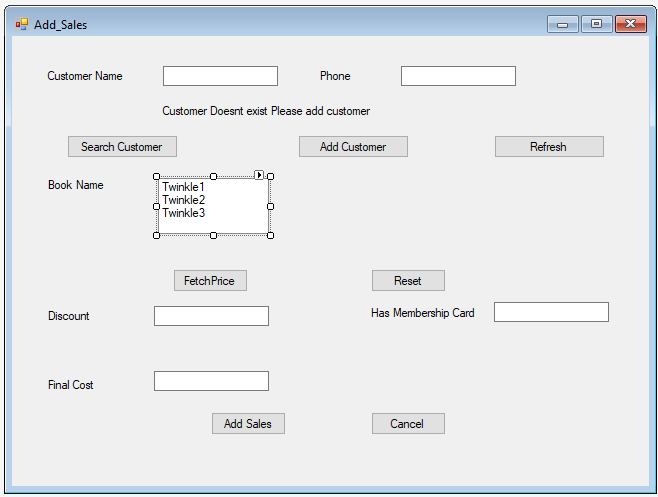


1. Search User



Search user UI have basic functionalism, when user enters name or phone number and hit search first it checks if it has customers data, if it will populate to grid( psuedo code in behind) else it will make text visible that “Customer not available please add” and Add Customer will become visible.

1. Add Sales.



User have to enter Customer name or phone number and have to click search customer. If customer exits user can proceed with further else label “Customer doesn't exists please add” text will appear and user can add customer.

If customer exits user can select books from the list and click fetch , this inturn triggers query and fetches the final price discount for books selected with all criteria of member ship card from sql queries.

Code uploaded to Git Under folder <https://github.com/panindranadig/twinklebookstore>