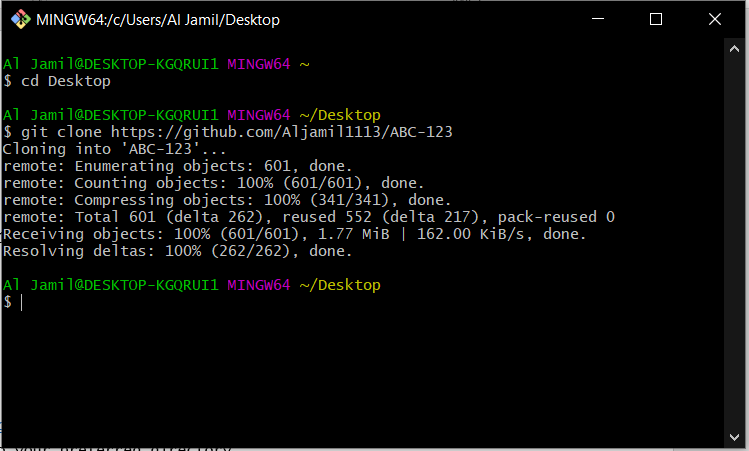
**INSTRUCTION:**

**Required software:**

* Visual Studio 2017/2019
* MS SQL Server
* GIT

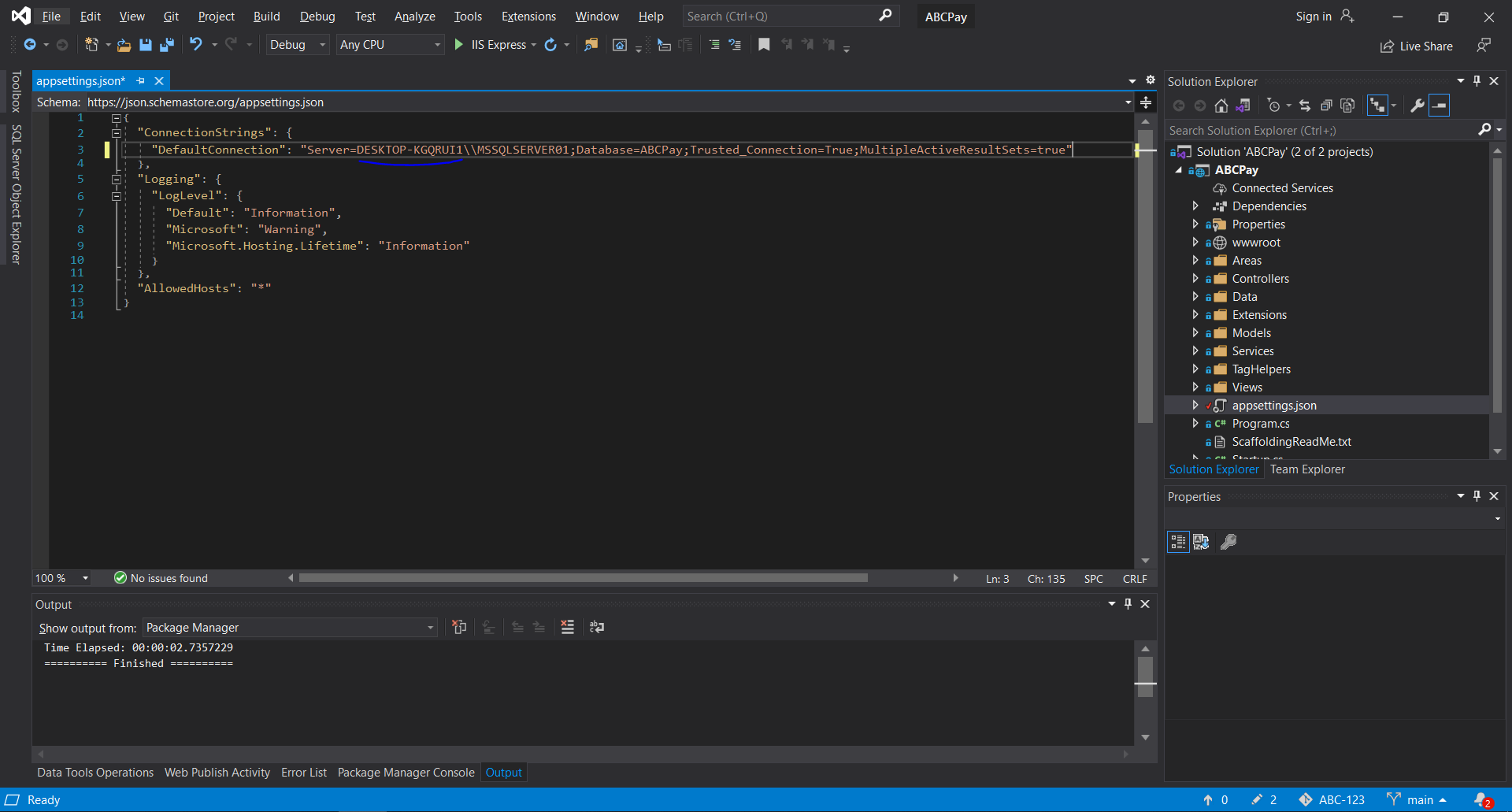
**To Download:**

1. Install Git, Visual Studio and MS SQL Server.
2. Go to <https://github.com/Aljamil1113/ABC-123>
3. Open the git. Go to your preferred directory.
4. Then type ‘git clone <https://github.com/Aljamil1113/ABC-123>’

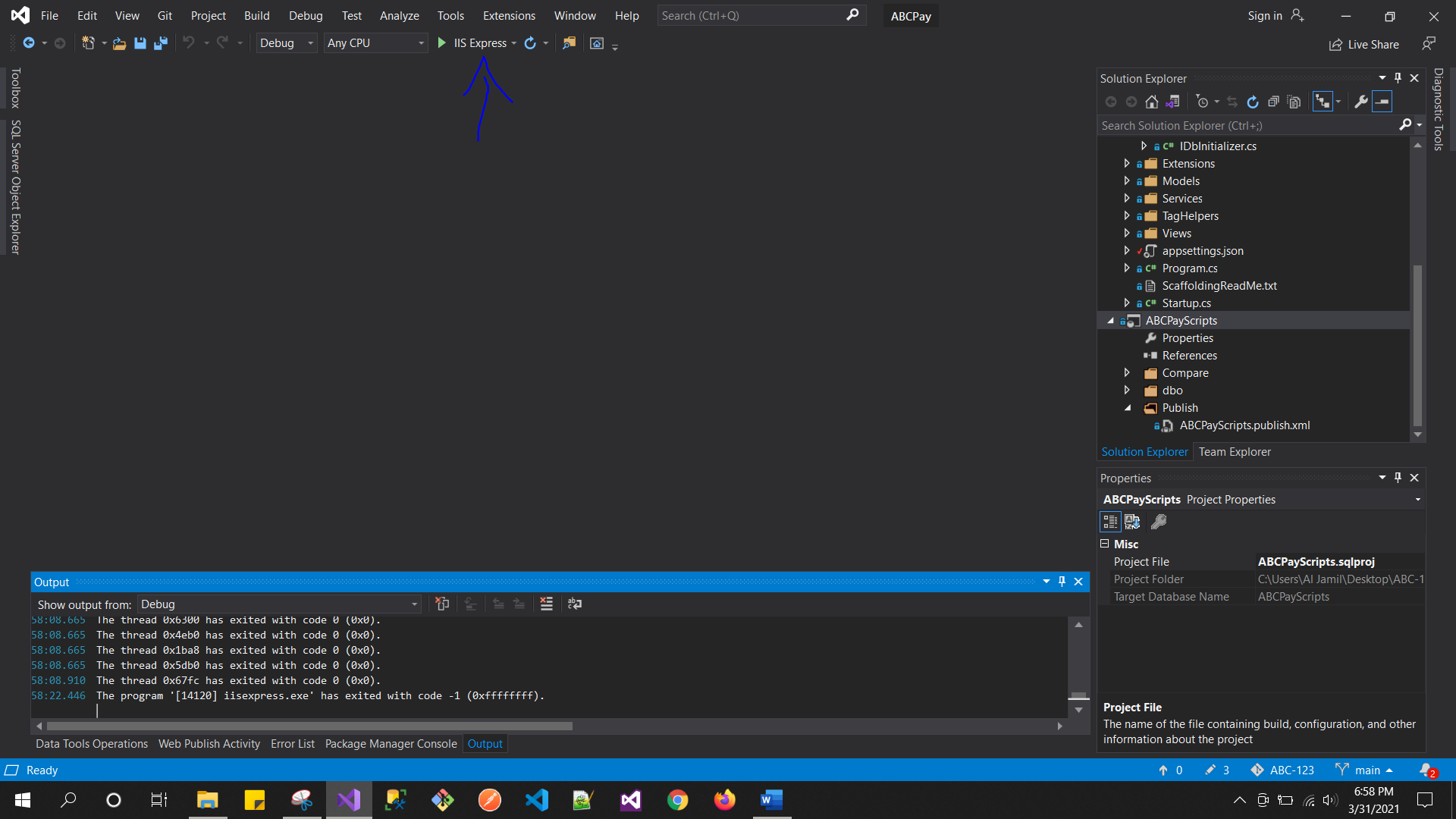


**TO TEST ABC Client Portal**

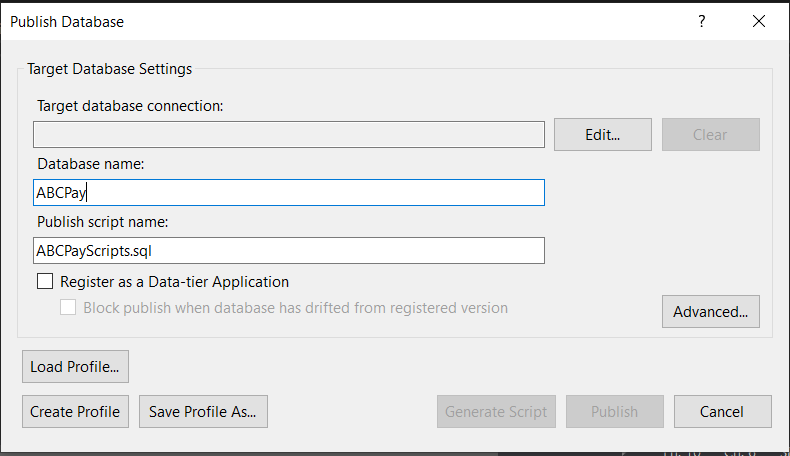
1. Open the ABC-123 folder then ABCPay folder. Then double click the ABCPay(Microsoft Visual Studio Solution) file.
2. You can see now the project files in Visual Studio. You can see two projects. The ABCPay MVC project and ABCPayScripts SQL Server Data Tools project.
3. Open the “appsettings.json” in ABCPay project then configure the ConnectionStrings. You just need to change the your server name in MS SQL Server.



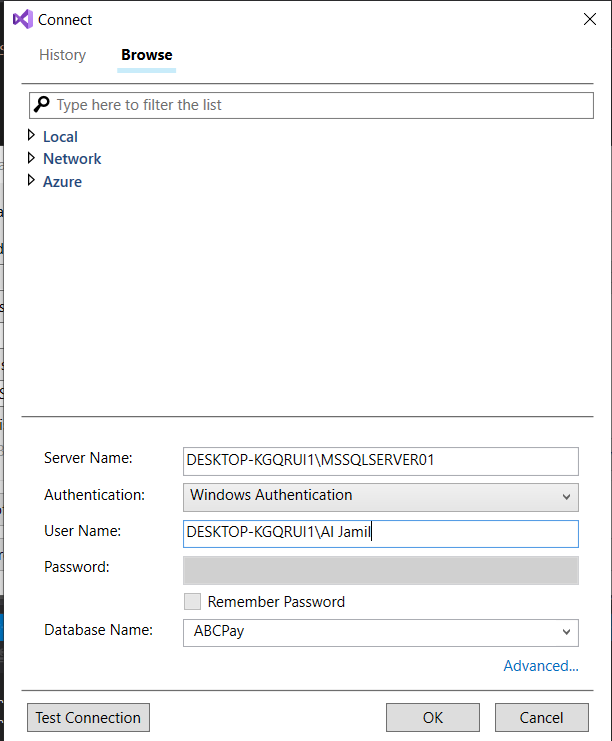
1. Then Build the solution. Go to Menu then Build>Build Solution. Then Run the Application and stop the application. When do this, it create the ABCPay database.



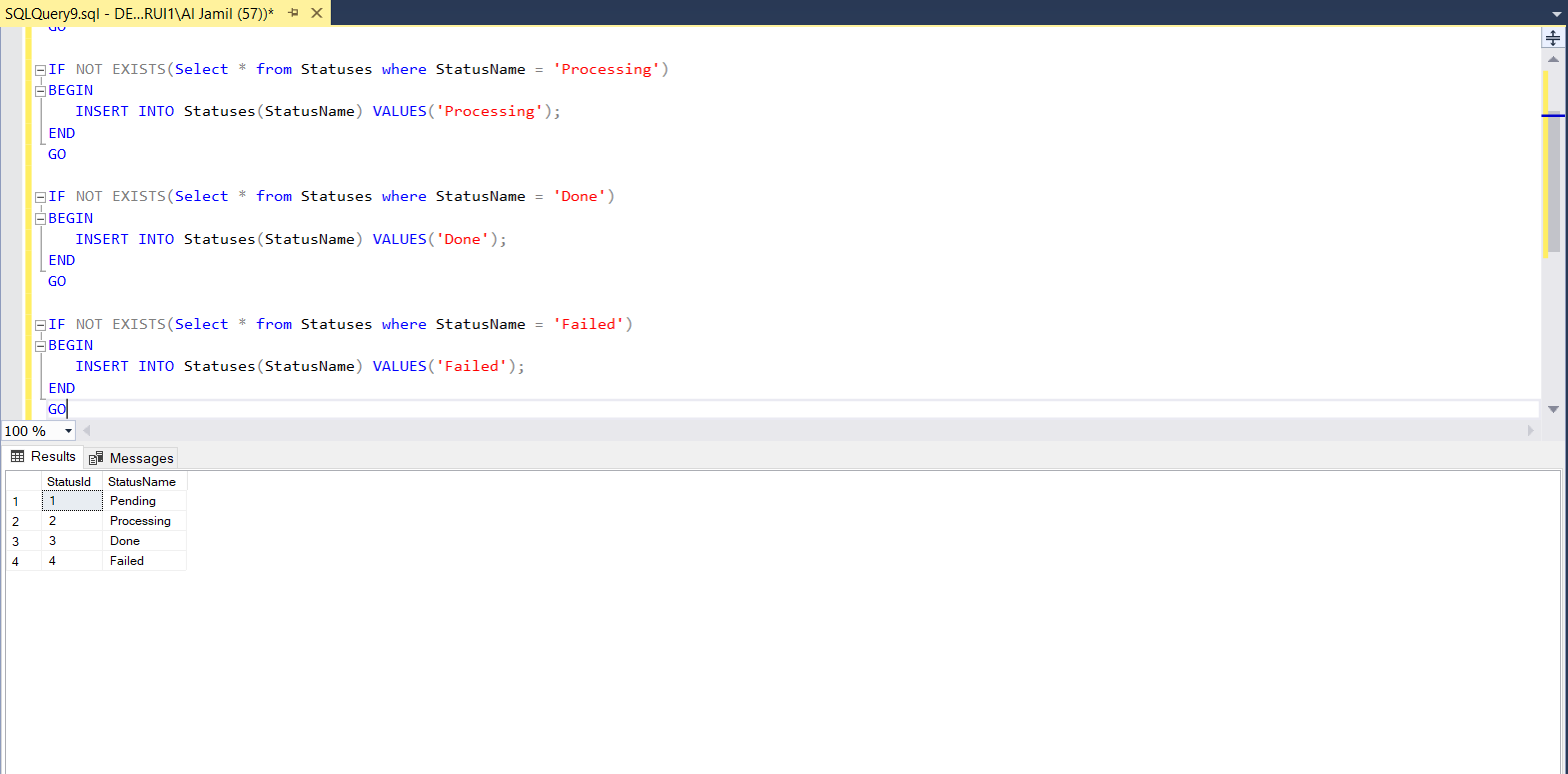
1. Go to ABCPayScripts Project. Click the ABCPayScripts project then Right Click then Choose Publish.
2. Type ABCPay to Database name.
3. Click the Edit button to select the database connection.



1. Go to Browse then type the Server Name and choose the Database name “ABCPay”.



1. Then Click Ok. Then Click Publish. You need to do this to include the table view.
2. You need to seed data to Merchant and Status table. Go To ABCPayScripts>DML Folder. Then copy paste the script to SQL Server Management Studio then execute the scripts.



1. Go back to Visual Studio then go to Build>Rebuild the projects.
2. You can now run the application. Click the Play Icon to run the application.
3. Go to Login. You can use any of two user.

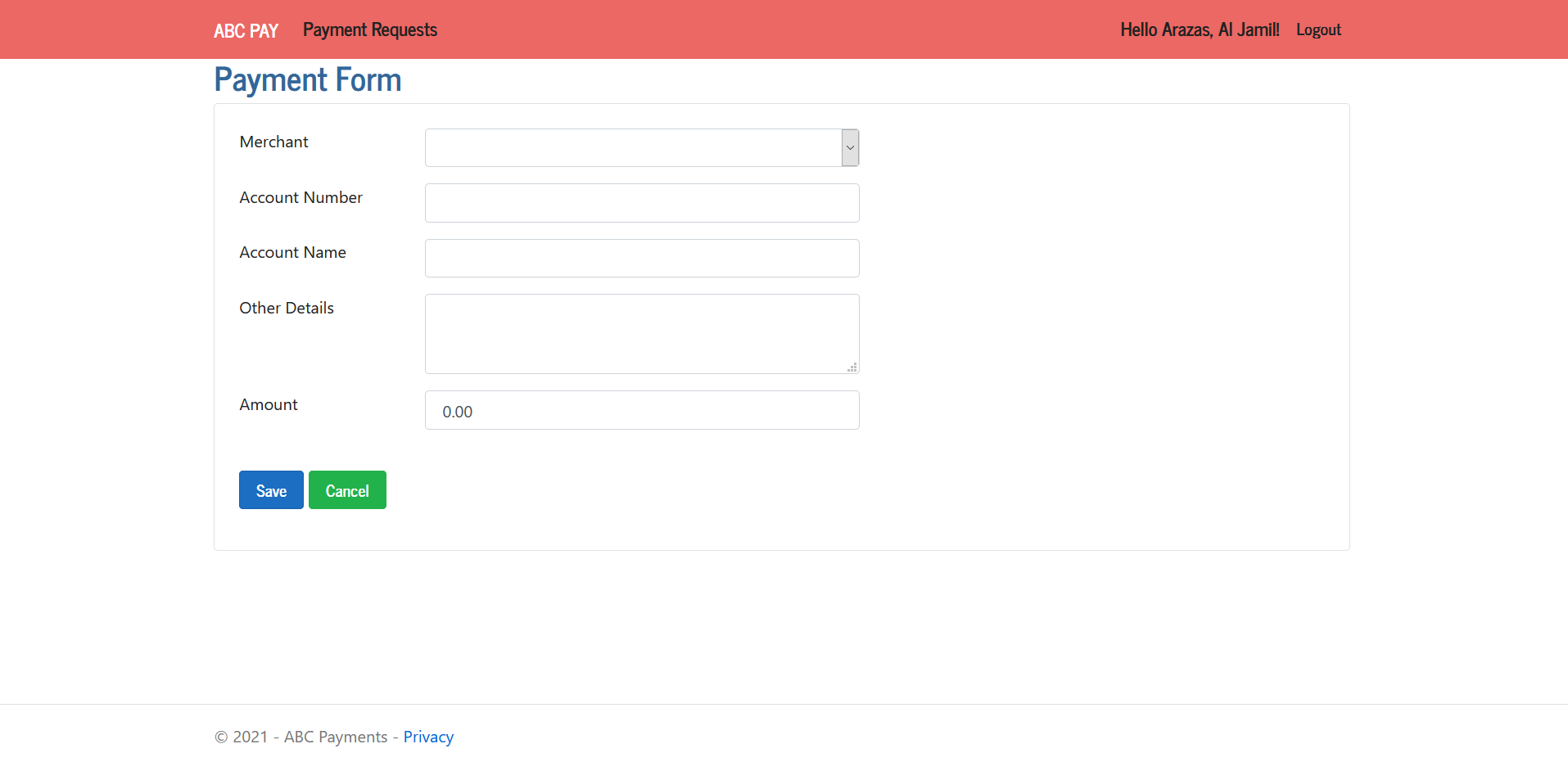
Username: [admin@abc.com](mailto:admin@abc.com)

Password: Admin123\*

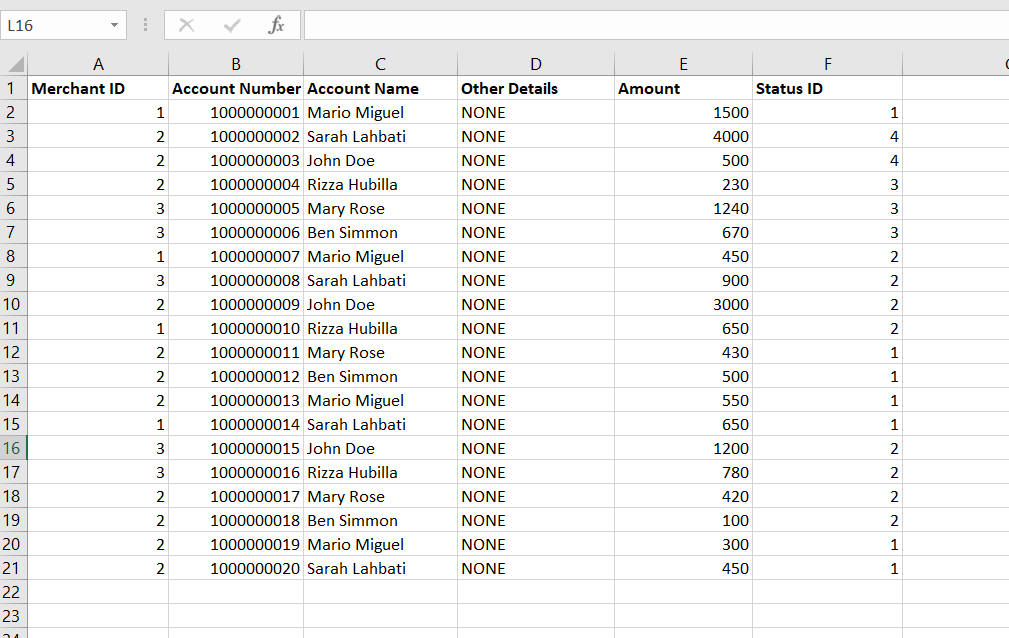
Username: [al@abc.com](mailto:al@abc.com)

Password: Admin123\*

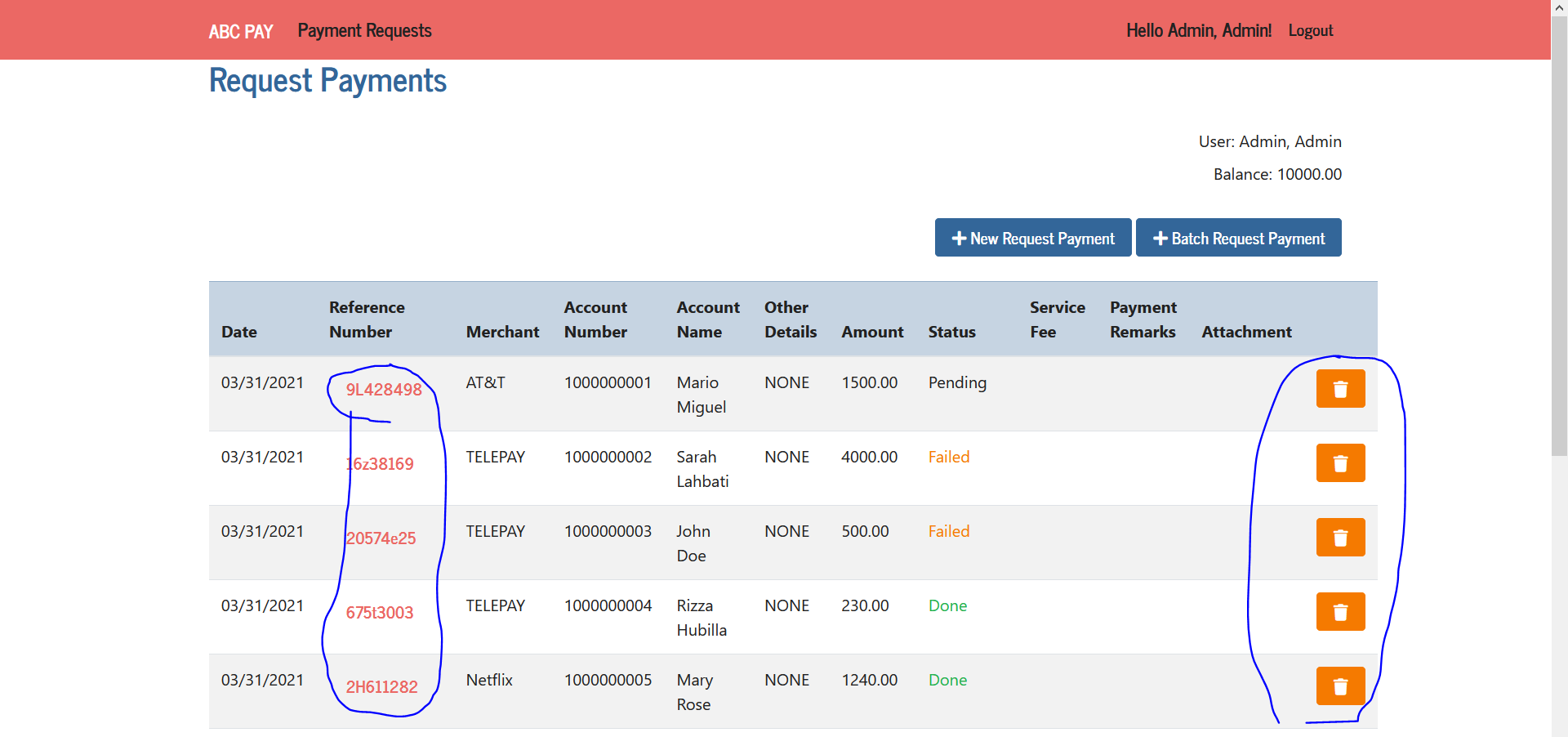
1. After Login, Go to Payment Request. Then you can upload one payment using “New Request Payment” or “Batch Request Payment”.
2. If you click “New Request Payment”, you just need to fill the form. Then Click save.



1. If you click “Batch Request Payment”, just upload the excel file. But you need to follow the template below. You can use the SeedPayments.xlsx inside this ABC-123 folder.



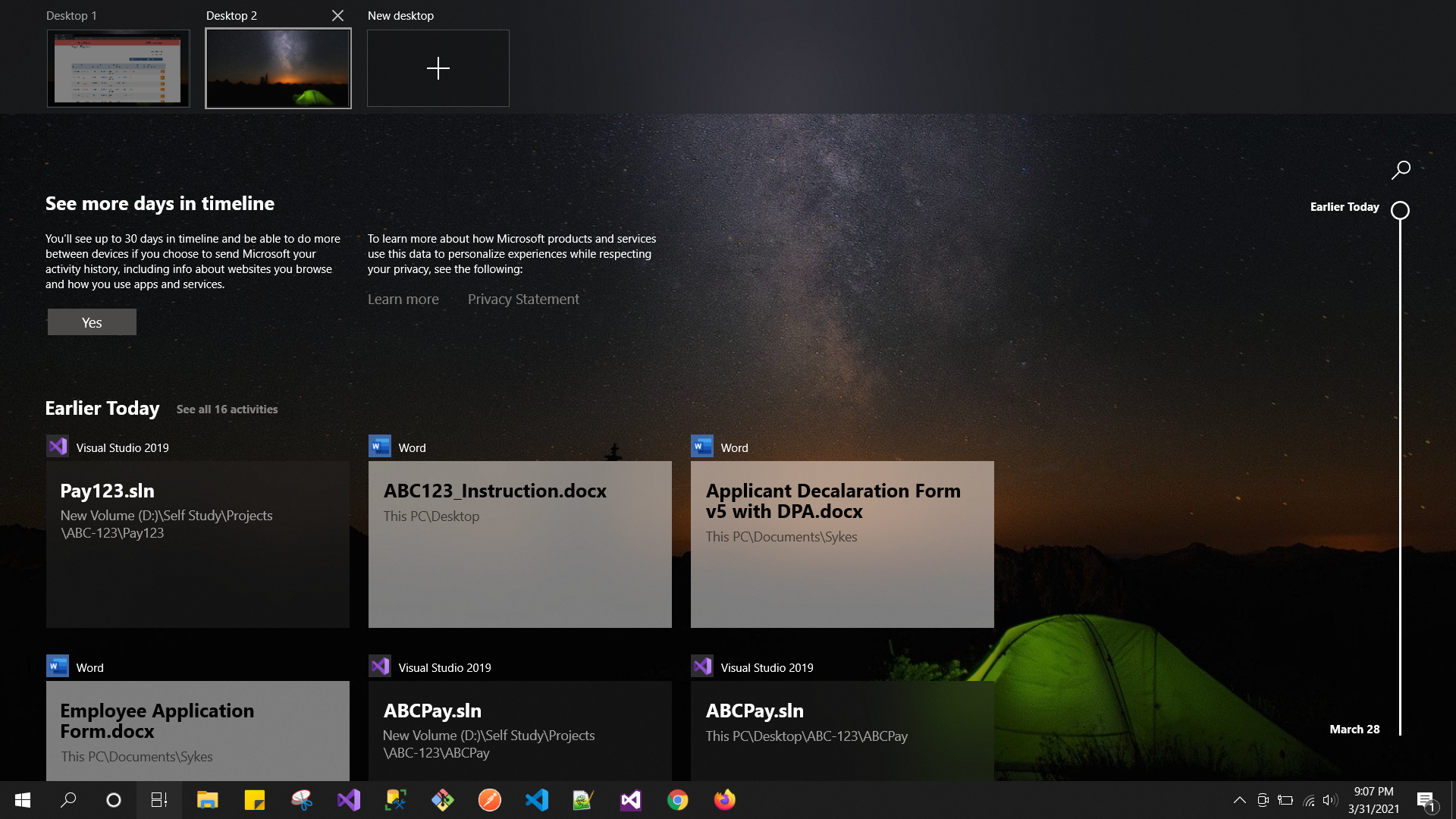
1. To perform Update you just need to click the reference number of a record. To Delete, click the delete button to remove a record.



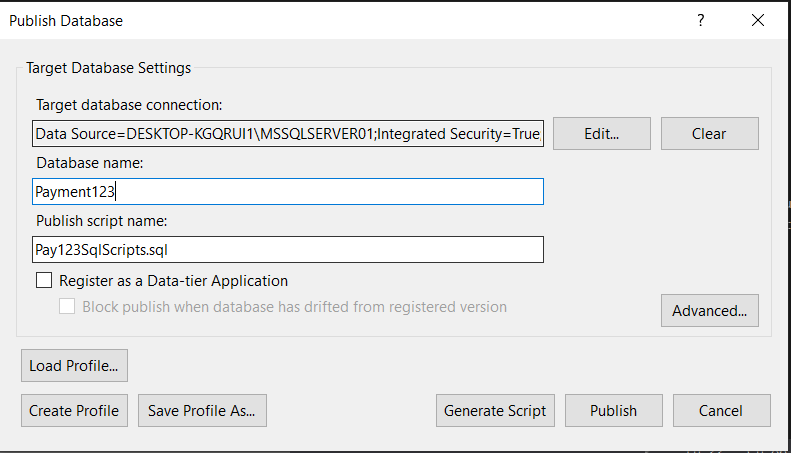
**To Test Payment 123 Desktop Application**

1. Add another desktop to run the Payment 123 app. To do this, I used the task view and Add another desktop. To change desktop, I press control + window key + left arrow key and press control + window key + right arrow key.

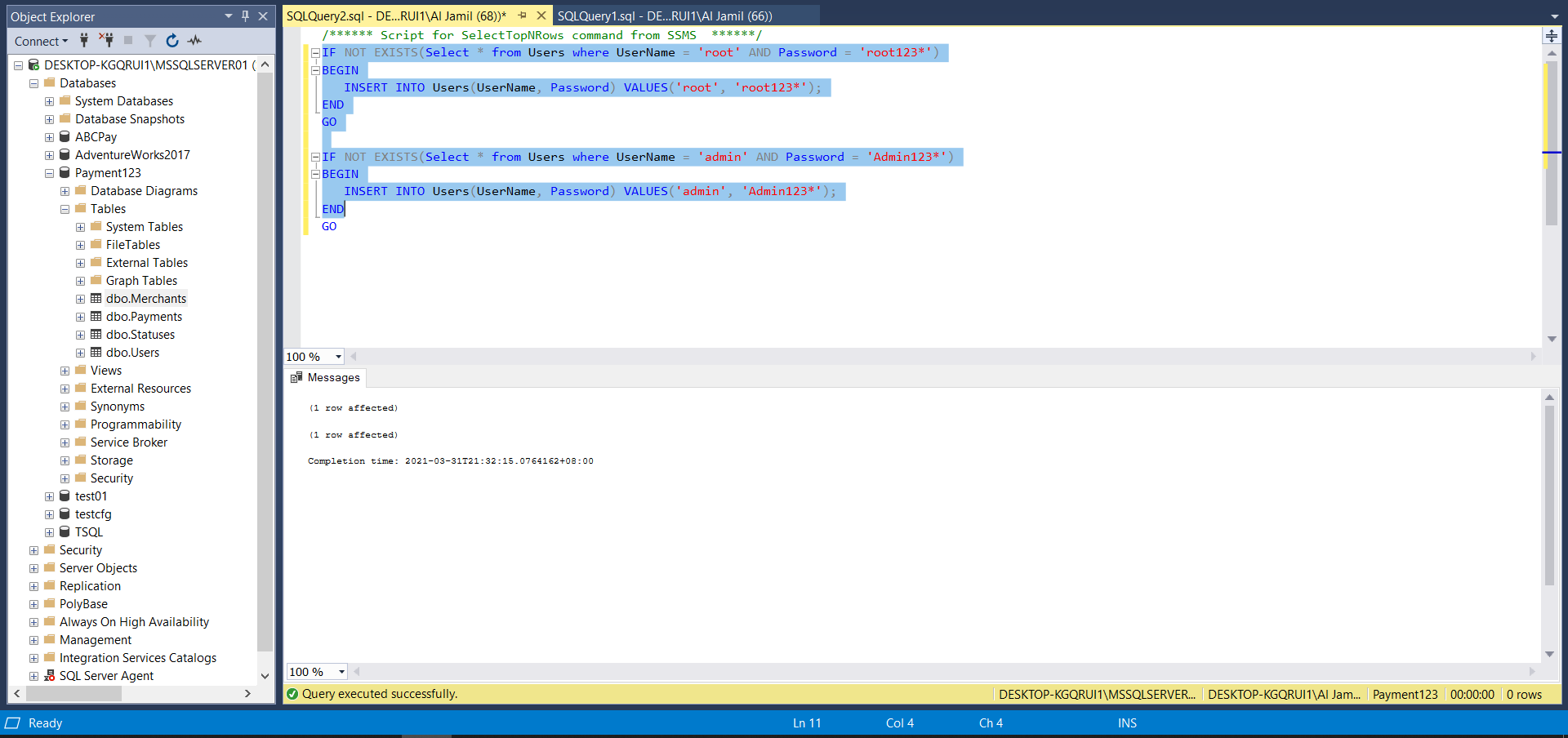
Just check this link: https://www.windowscentral.com/how-use-task-view-windows-10



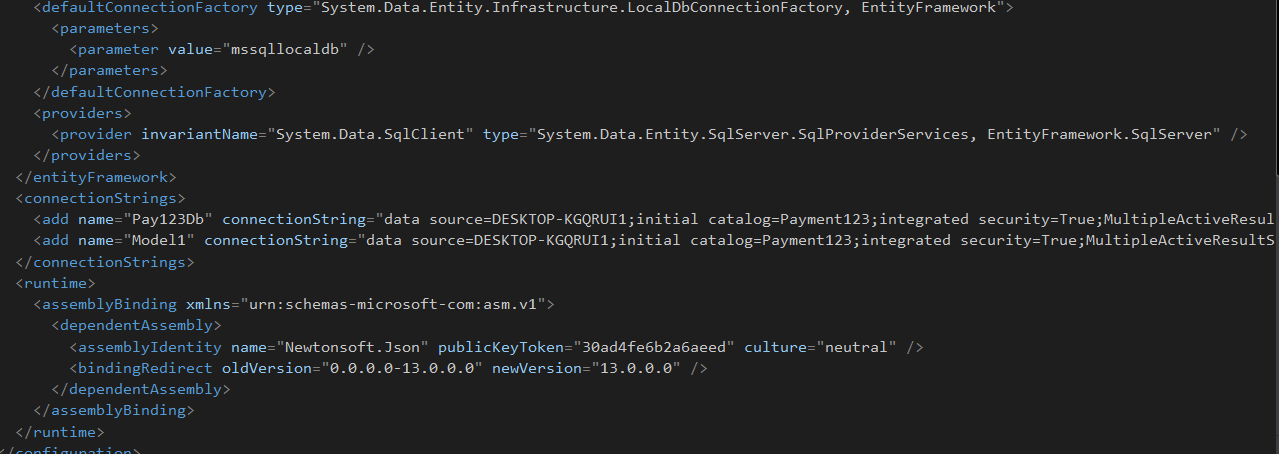
1. I run the ABC Client Portal App to Desktop 1. The Payment 123 App to Desktop 2.
2. Go to ABC-123 folder then open Pay123 folder. Then double click the Pay123(Microsoft Visual Studio Solution) file.
3. You can see two projects. The Pay123 Winform project and Pay123SqlScripts SQL Server Data Tools project.
4. Click the Pay123SqlScripts project first. Then Right Click then click Publish to perform database creation.
5. Click Edit to set your server name. Go to Browse tab then fill the Server name then click ok. Then Type the database name. I type “Payment123”. Then publish.



1. To Seed the Data of Users, Merchant and Status table, Open the DML folder in Pay123SqlScripts project. Then copy the scripts of MerchantDML.sql, StatusDML.sql and UserDML.sql.
2. Open the Microsoft SQL Server Management Tools then, choose the Payment123 database. Add new query. Paste here the scripts to seed the data needed.



1. After you seed the data, Go to Pay123 project. Open the App.Config then set your connection string.



1. Before to run the Pay123app. Right Click the packages.config then choose “Migrate packages.config to PackageReference”. Then click Ok.
2. Then run the Pay123 app. To Login, you can use

Username: admin

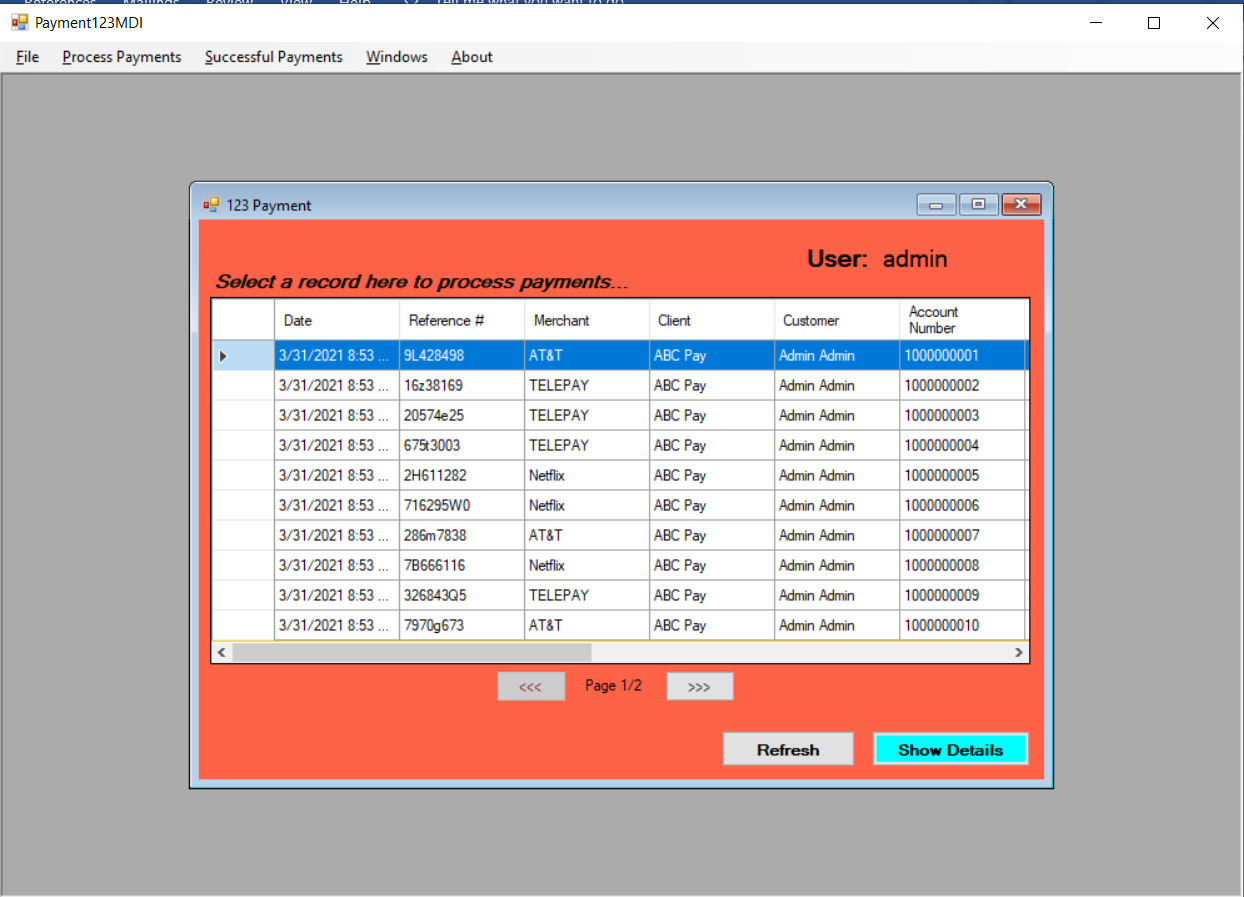
Password: Admin123\*

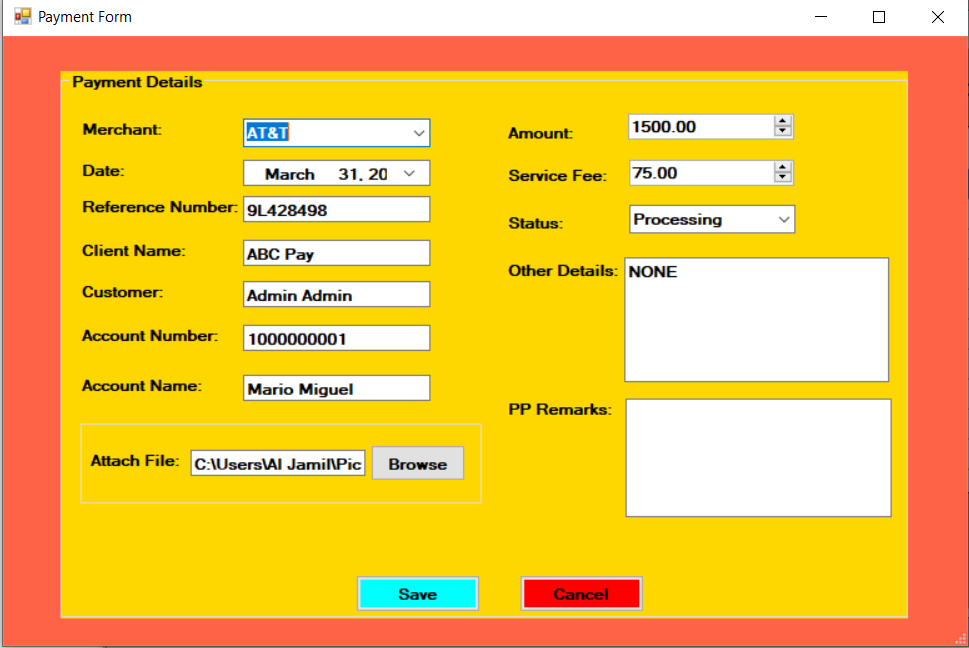
Or

Username: root

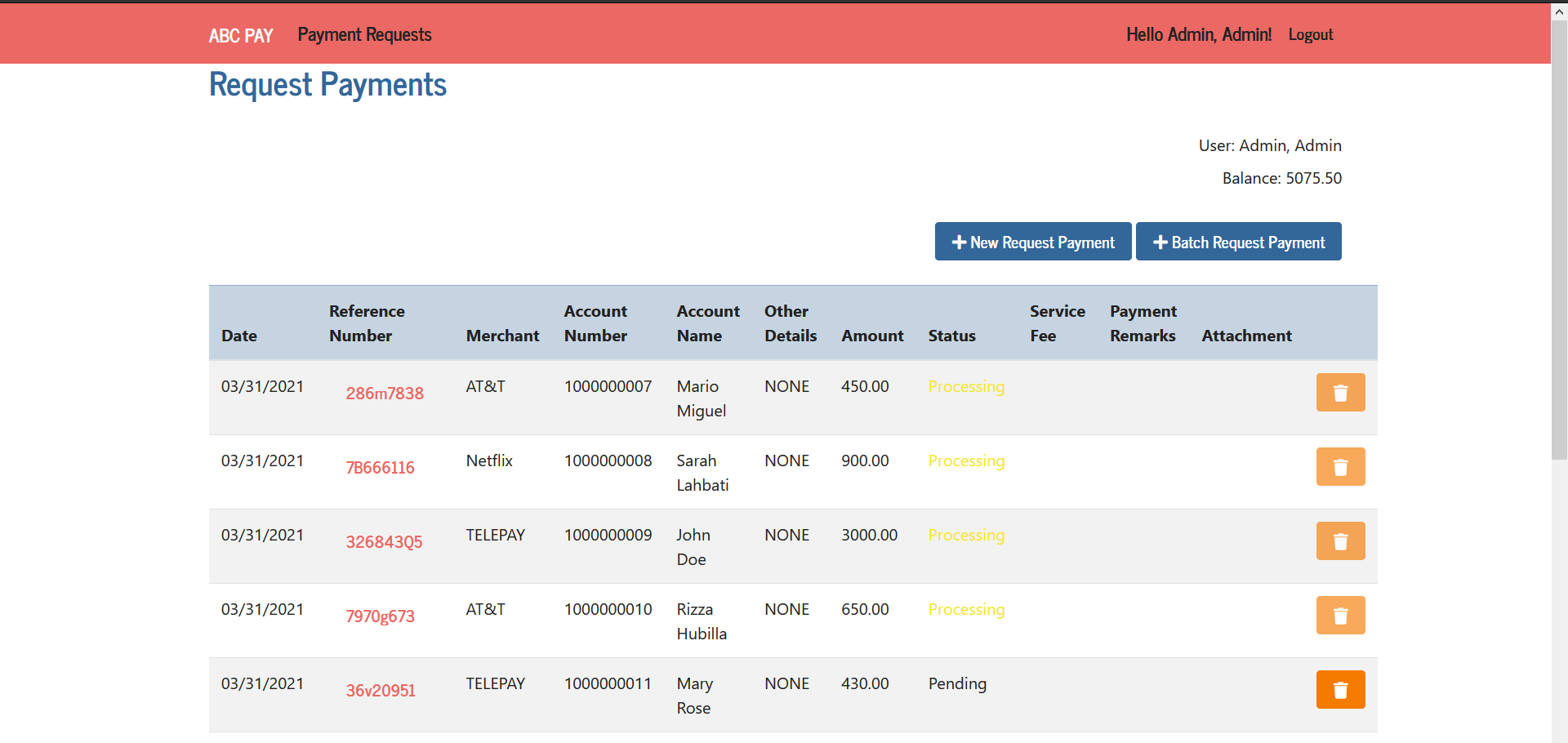
Password: root123\*

1. After login. Go to menu the click “Process Payments” to update the transactions. Choose one record the click “Show Details” button to edit the details.





1. If the process is done, the balance of user will also decrease.



1. To Logout. Click File>Exit.