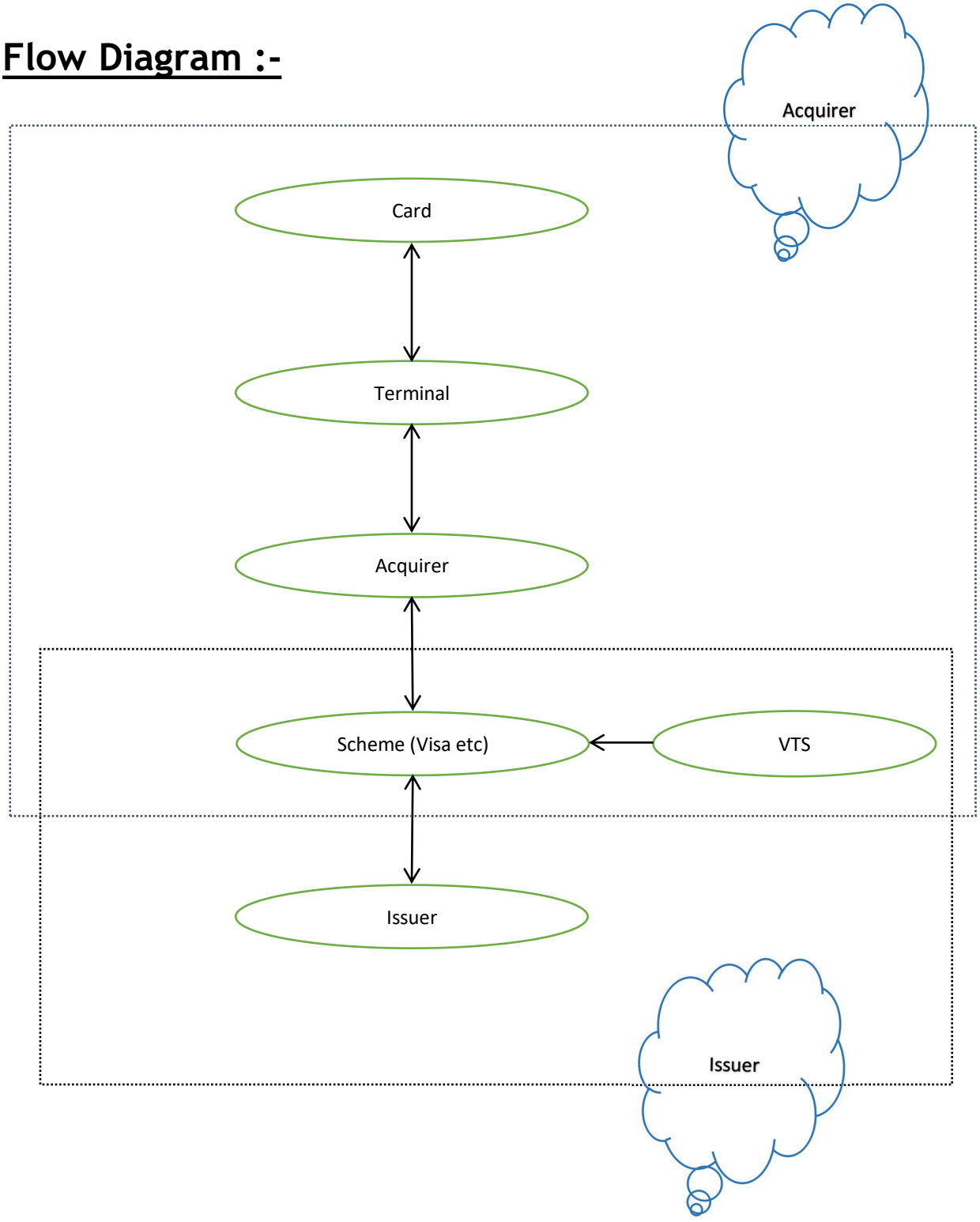
VTS (VISA Test System)

Flow Diagram :-



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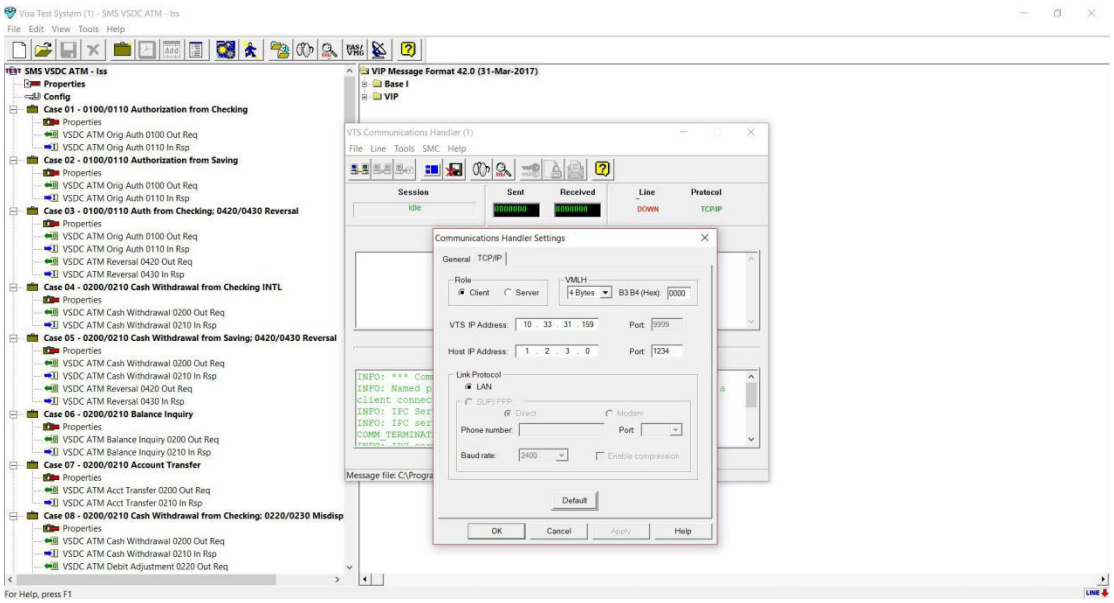
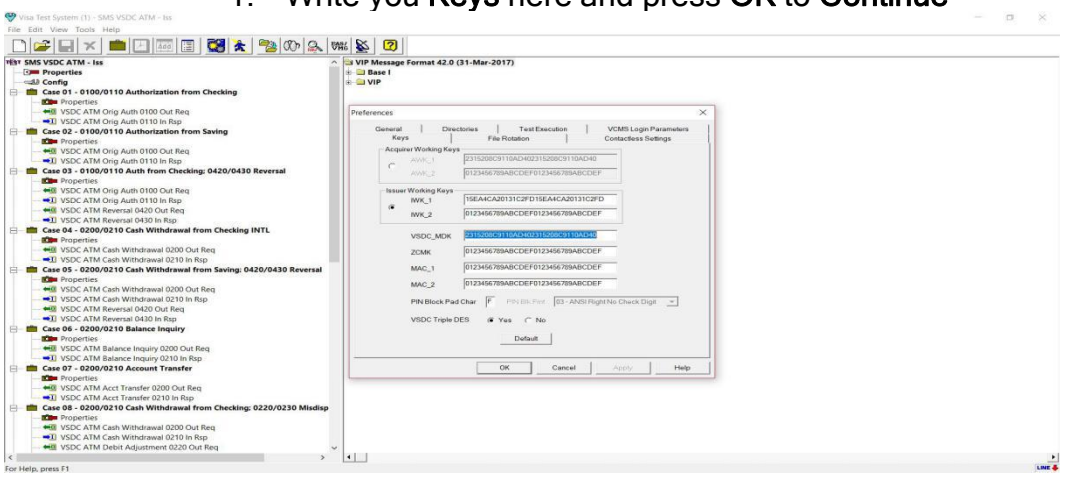
VTS (VISA Test System)

Configuration :

1. **Connectivity**
   a) Will configure the ip and port to **communicate** with **VISA Controller**
      i. Steps:
         1. Press the **Start communication** button
         2. Select **tools** tab
         3. Select **protocol**
         4. Select **TCP/IP**
            a) Configure it with your **ip** and **port**
         5. **Connect**
   b) **Example :**



2. **Key Configuration**
   a) Here you can Configure the **Clear** and **Encrypted KEYS** which is given by VISA and also we Configures it in HSM.
      i. Select **View** Tab
      ii. Select **Preferences**
      iii. Select **Keys** Tab
         1. Write you **Keys** here and press **OK** to **Continue**



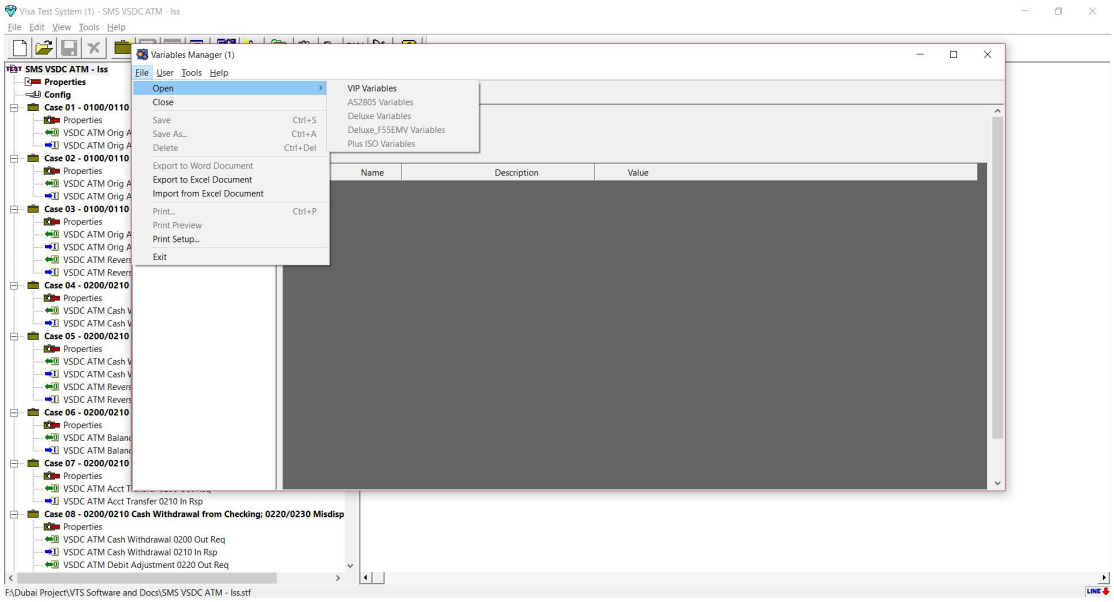
3. Card Configuration :

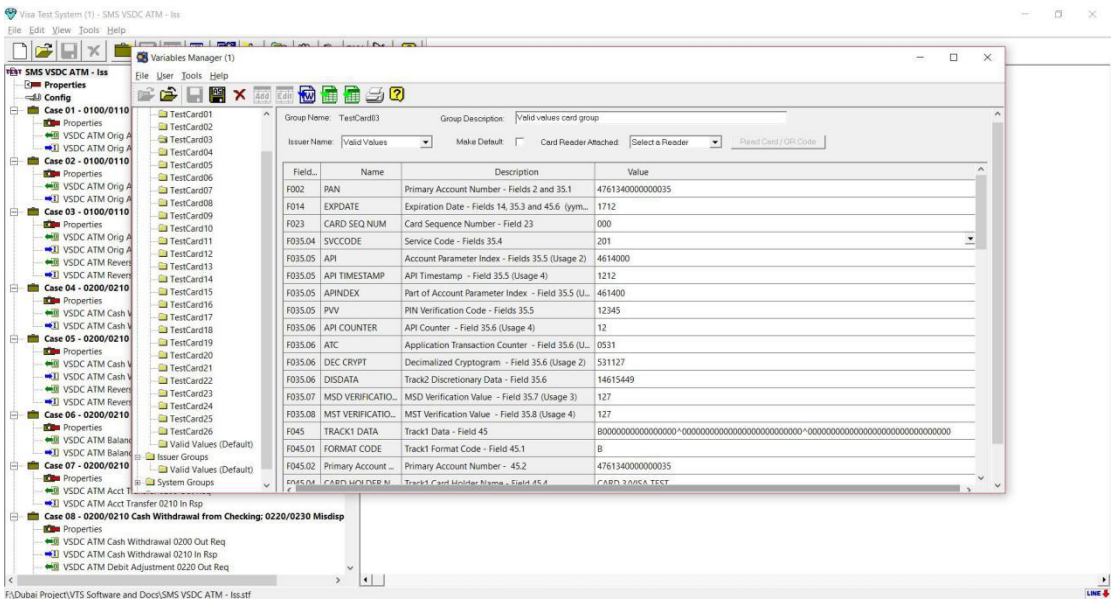
a) First you have to attach card reader to start processing through cards where you can process transaction and look in the logs.

i. Select **Edit** Tab

ii. Select **Variable Manage**

1. Select **File**
2. Select **New**
3. Select **VIP Variables**
4. On the Left side of **Screen** Select any of one **Test card**
5. On the **Right side** of **Screen** Select your Desire **Card Reader** from **Drop Down**
6. Press **Read Card / QR Code**
7. Configure the **Fields** according to your Requirements
8. Save to start your testing.





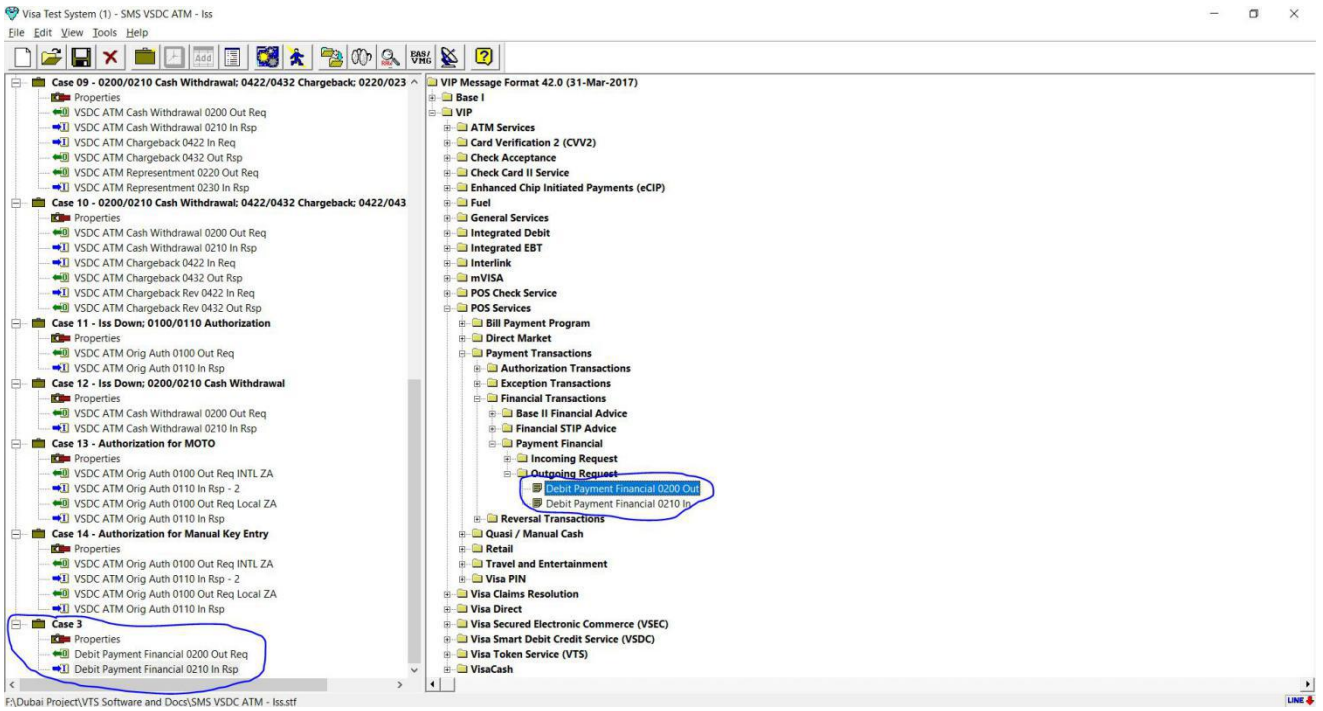
4. Test Cases:

a) Here you can create multiple cases to Check your Transaction **like :** you can create Issuer, Acquirer , Reversal, Authentication Cases to test.

i. Press **New Case Button** on top of main screen.
ii. On the right side of screen you will find your **new case**
iii. Select **new Case**
iv. Then right side of screen open **VIP**

1. Select any of service you want to test.
2. **Like :**

a) Select POS Service
b) Select Payment Transactions
c) Financial Transactions
d) Payment Financial
e) Outgoing Request
f) **Drag the service** in your **CASE**
g) **Remember :** Sequence Matters (always drag the item sequence wise , else you will face problems)

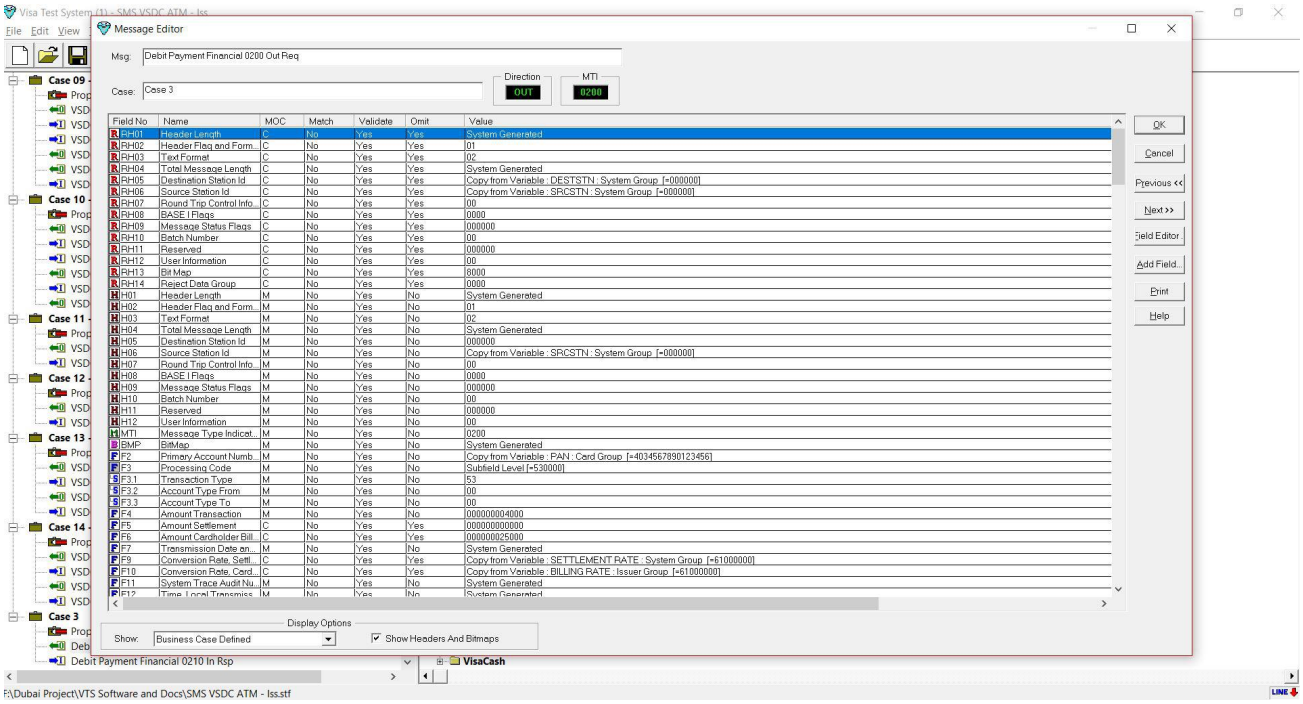


5. Fields Configuration :

a) Existing Field Configuration:

i. In fields configuration you can configure the tags and fields according to your test environment **like** you have to put **expiry Date** then you can put **date** in the field of expiry date which is found in **Field Configuration.**

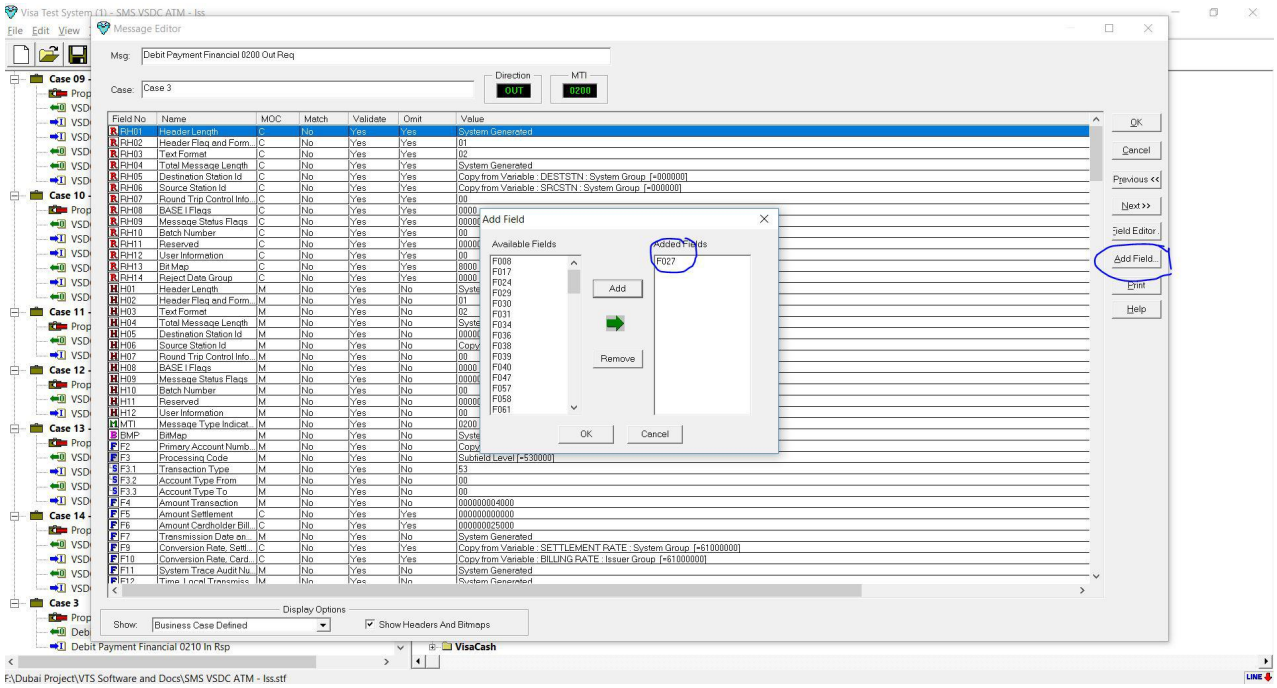
1. Double click on the **Service** that is **created** in your **case**
2. New Window opens
3. Select your **fields** according to your **test cases** with selecting **Omit** tab as **No**
   a) No means Field are ready to work
4. **Configure** all **fields** and then press OK
5. Press **Run Execute** Button on the top side of screen



b) **Manual Field Configuration :**

i. Will also add manual Fields, if you did not find any of your required field in list you can add field manually

1. Click **Add Field** Button on the Right side of screen.
2. Select **field**
3. Press **Add**
4. Press **OK**
   a) You will find your **field** in the list of fields
5. Configure it and **run Execute** the program.



c) **Important Fields :**

i. **Six** fields that is **important** and must have to **enable** (**3** for **amount** and **3** for **currency**)

1. **Transaction** Amount
2. **Transaction** Currency
3. **Settlement** Amount
4. **Settlement** Currency
5. **Billing** Amount
6. **Billing** Currency

6. Run the Program :

a) Press **Run Execute** button on the **top** of the screen

b) While executing select all **Services** from your **Case** and then **Execute** the Program