**DB to Salesforce Order Migration**

**Use Case:**

-> This template main usage is to migrate the data from DB to Salesforce

-> Here the Db acts as source and Salesforce acts as Destination

**Technologies required:**

-> Any point studio (mule 4 version)

-> Any point platform

-> Database (MySql)

**Steps to Execute the Flow:**

-> Download the template from any point platform and import it into the anypoint studio

-> Create a Salesforce account and generate a security token

-> In Salesforce Account, click on object manager and create a Custom object with custom fields.

-> In Anypoint studio Add the HTTP configurations and Salesforce Connector configuration and test the connection.

-> In Common.properties file add the Http configuration as 8081 nd aggregator size as 2000

-> In mule.dev, mule.prod, mule.qa add the database and salesforce configuration such as user , password, hostname, security token…

-> Add the Static data as input using file connector

-> In Transform message component add metadata and do mapping with salesforce object

-> Run the flow and check the console whether it is deploy or not

-> If the flow is successfully deployed test the flow using Postman with HTTP Listener endpoint

-> Check the salesforce account to check the static data input is migrated into salesforce object successfully

**Flow Explanation:**

-> The Database backend system is used as a source of data. The DataBase connector is used to send and receive the data from database backend

-> The flow is triggered by a HTTP listener connector that receives the migration request. By giving Static Response as input. These orders are input for business logic which are transformed into salesforce orders and then passed to the Batch Process.

-> The Batch job process is divided into “process and oncomplete” stages. During the Process stage, the data from the database are created/updated in Salesforce. In oncomplete stage, the template will send data into console and presents the results of flow execution

-> Job execution is invoked from endpointsFlow (endpoints.xml).

-> During the *Process* stage, each Account and Order are checked if they already exist in Salesforce.

-> Inserted new Accounts into the Salesforce instance if they were not found in the previous step.