

Session 7 :
Nov 20th - 2020:

Task for the day:

Note: Try to use all components as much as possible like logger, set variable, setpayload,choice, scatter-gather,http-reques,transform message,private/sub flows, flow-ref wherever needed. You can use your mind to accommodate all these components if required

Create a RESTful Application which has 2 resources

/insertAccountDetails
/insertEverywhere

For :

/insertAccountDetails:

Step1 : Create RAML .

/insertAccountDetails

It should be a POST method

queryParams : system

Enum values only . "AWS,SALESFORCE,FILE" see how to define enum values

Body : application/json

```
{
  "Name" : "MuleSoftTechzone",
  "Phone" : "11111111",
  "BillingCity" : "hyderabad"
}
```

All are Strings and Mandatory

Sample Response:

```
{
  "message" : "records inserted",
  "destination" : "Salesforce/AWS/File"
}
```

Step2 : Import Project into Anypoint Studio and implement logic.:**A) Whenever user hits the url,**

http://ocalhost:8081/api/insertAccountDetails?system=AWS

With body

```
{  
  "Name" : "MuleSoftTechzone",  
  "Phone" : "11111111",  
  "BillingCity" : "hyderabad"  
}
```

It should create a file in Amazon s3 bucket (create your own bucket).

File name should be the name passed in body.Type of file is json

eg: MuleSoftTechzone.json

Share the screenshot showing the file inserted in AWS s3

B) Whenever user hits the url,

http://ocalhost:8081/api/insertAccountDetails?system=SALESFORCE

With body

```
{  
  "Name" : "MuleSoftTechzone",  
  "Phone" : "11111111",  
  "BillingCity" : "hyderabad"  
}
```

It should create an account in Salesforce . Share screenshot of that

C) Whenever user hits the url,

http://ocalhost:8081/api/insertAccountDetails?system=FILE

With body

```
{  
  "Name" : "MuleSoftTechzone",  
  "Phone" : "11111111",  
  "BillingCity" : "hyderabad"  
}
```

It should create csv file in Local disk (any folder is fine) . Hint: use application/csv in transform message.

File name should be the name passed in body.Type of file is csv
eg: MuleSoftTechzone.csv

Note : details should not be hardcoded. Everything should be in property file

For :

/insertEverywhere:

RAML : simple just add resource name

GET method. No request.

Response :

```
{  
Message : "inserted details in all systems"  
}
```

The data must be picked up from the FILE which is already stored in your local folder.

The file should be session6.json and content is below:

```
{  
  "Name" : "MuleSoftTechzone",  
  "Phone" : "11111111",  
  "BillingCity" : "hyderabad"  
}
```

You have to READ the file from local folder.

**And you have to insert details in salesforce , upload to aws s3,
Basically it's combined work of above resource .**

Use scatter gather to do it.

Share screenshot of that

Note : use property file for configuration details, add loggers wherever needed.

SUBMIT ASSIGNMENTS WITH SCREENSHOTS

Apart from Above scenario: If you have installed Database on your local, please do Handson if possible