**Solution Document**

**Create table queries:**

* Customer Details (Over all)

Create table Customer\_Details

(

Cust\_Name varchar(255) not null,

Cust\_ID varchar(255) not null,

Open\_Dt Date not null,

Consult\_Dt date not null,

VAC\_ID char(5),

Dr\_Name char(255) ,

Patient\_State char(5),

Country char(5),

DOB Date,

FLAG char(1),InsertedDate date

)

* Customer Details (Individual country wise)

1.Table\_India : All customer details related to India will go to this table.

Create table Table\_IND

(

Cust\_Name varchar(255) not null,

Cust\_ID varchar(255) not null,

Open\_Dt Date not null,

Consult\_Dt date not null,

VAC\_ID char(5),

Dr\_Name char(255) ,

Patient\_State char(5),

DOB Date,

FLAG char(1)

)

Similar to the above all customer details go to there corresponding tables

2.Table\_USA: All customer details related to USA will go to this table.

Create table Table\_USA

(

Cust\_Name varchar(255) not null,

Cust\_ID varchar(255) not null,

Open\_Dt Date not null,

Consult\_Dt date not null,

VAC\_ID char(5),

Dr\_Name char(255) ,

Patient\_State char(5),

DOB Date,

FLAG char(1)

)

3.Table\_PHIL: All customer details related to PHILIPINES will go to this table.

Create table Table\_PHIL

(

Cust\_Name varchar(255) not null,

Cust\_ID varchar(255) not null,

Open\_Dt Date not null,

Consult\_Dt date not null,

VAC\_ID char(5),

Dr\_Name char(255) ,

Patient\_State char(5),

DOB Date,

FLAG char(1)

)

4.Table\_AU: All customer details related to AU will go to this table.

Create table Table\_AU

(

Cust\_Name varchar(255) not null,

Cust\_ID varchar(255) not null,

Open\_Dt Date not null,

Consult\_Dt date not null,

VAC\_ID char(5),

Dr\_Name char(255) ,

Patient\_State char(5),

DOB Date,

FLAG char(1)

)

5.Table\_NYC: All customer details related to NYC will go to this table.

Create table Table\_NYC

(

Cust\_Name varchar(255) not null,

Cust\_ID varchar(255) not null,

Open\_Dt Date not null,

Consult\_Dt date not null,

VAC\_ID char(5),

Dr\_Name char(255) ,

Patient\_State char(5),

DOB Date,

FLAG char(1)

)

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**Stored Procedures used :**

USE [sample]

GO

/\*\*\*\*\*\* Object: StoredProcedure [dbo].[storingdata\_correspondingtable] Script Date: 5/19/2021 12:25:00 PM \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

ALTER proc [dbo].[storingdata\_correspondingtable]

@tablename nvarchar(100),@custid varchar(100)

as

begin

declare

@localtablename sysname,@dsql nvarchar(4000),@dsql1 nvarchar(4000),@count1 int

set @localtablename='Table\_'+@tablename

set @dsql1 = 'select count(\*) from ' + @localtablename + ' where Cust\_ID='''+@custid+''''

create table scustempcount#(countnum int)

insert into scustempcount#

execute sp\_executesql @dsql1

set @count1= (select countnum from scustempcount#)

if @count1 = 0

begin

set @dsql='insert into '+ @localtablename +

' select Cust\_Name,Cust\_ID,Open\_Dt,Consult\_Dt,VAC\_ID,Dr\_Name,Patient\_State,DOB,FLAG from Customer\_Details where Country='''+@tablename+ '''and inserted\_Updated\_date=convert(date,getdate(),103)'

execute sp\_executesql @dsql

--select @dsql

end

else

begin

set @dsql='Update ' + @localtablename +' set Cust\_Name=b.Cust\_Name,Open\_Dt=b.Open\_Dt,Consult\_Dt=b.Consult\_Dt,

VAC\_ID=b.VAC\_ID,Dr\_Name=b.Dr\_Name,Patient\_State=b.Patient\_State,DOB=b.DOB,FLAG=b.FLAG from Customer\_Details b

where '+ @localtablename+'.Cust\_ID=b.Cust\_ID and b.inserted\_Updated\_date=convert(date,getdate(),103)'

execute sp\_executesql @dsql

--select @dsql

end

drop table scustempcount#

end

--- All customers details will sent to the related country tables

**Source Code for Extraction of Data from Files and load into Master Database and to corresponding country tables Using SSIS tool:**

