All about Tables

USE

eDate;

GO

CREATE TYPE

Lists.ListValueName

FROM

NVARCHAR(50) NOT NULL;

GO

-- Create list tables

MemberSessions

CREATE TABLE

Lists.Countries

(

Id TINYINT NOT NULL ,

Name Lists.ListValueName NOT NULL

)

ON

Data;

GO

CREATE TABLE

Lists.Genders

(

Id TINYINT NOT NULL ,

Name Lists.ListValueName NOT NULL

)

ON

Data;

GO

CREATE TABLE

Lists.MaritalStatuses

(

Id TINYINT NOT NULL ,

Name Lists.ListValueName NOT NULL

)

ON

Data;

GO

CREATE TABLE

Lists.SessionEndReasons

(

Id TINYINT NOT NULL ,

Name Lists.ListValueName NOT NULL

)

ON

Data;

GO

CREATE TABLE

Lists.InvitationStatuses

(

Id TINYINT NOT NULL ,

Name Lists.ListValueName NOT NULL

)

ON

Data;

GO

-- Poppulate the "Lists.Countries" table

INSERT INTO

Lists.Countries

(

Id ,

Name

)

VALUES

(1 , N'Israel' ) ,

(2 , N'USA' ) ,

(3 , N'England' ) ,

(4 , N'France' ) ,

(5 , N'Italy' );

GO

-- Poppulate the "Lists.Genders" table

INSERT INTO

Lists.Genders

(

Id ,

Name

)

VALUES

(1 , N'Male' ) ,

(2 , N'Female' );

GO

-- Poppulate the "Lists.MaritalStatuses" table

INSERT INTO

Lists.MaritalStatuses

(

Id ,

Name

)

VALUES

(1 , N'Single' ) ,

(2 , N'Married' ) ,

(3 , N'Divorced' ) ,

(4 , N'Widowed' );

GO

-- Poppulate the "Lists.SessionEndReasons" table

INSERT INTO

Lists.SessionEndReasons

(

Id ,

Name

)

VALUES

(1 , N'Logout' ) ,

(2 , N'Disconnection' ) ,

(3 , N'Inactive' ) ,

(4 , N'Another Session Opened' );

GO

-- Poppulate the "Lists.InvitationStatuses" table

INSERT INTO

Lists.InvitationStatuses

(

Id ,

Name

)

VALUES

(1 , N'Sent' ) ,

(2 , N'Accepted' ) ,

(3 , N'Denied' );

GO

-- Create the "Operation.Members" table

CREATE TABLE

Operation.Members

(

Id INT NOT NULL IDENTITY (1,1) ,

Username NVARCHAR(10) NOT NULL ,

Password NVARCHAR(10) NOT NULL ,

FirstName NVARCHAR(20) NOT NULL ,

LastName NVARCHAR(20) NOT NULL ,

StreetAddress NVARCHAR(100) NULL ,

CountryId TINYINT NOT NULL ,

PhoneNumber NVARCHAR(20) NULL ,

EmailAddress NVARCHAR(100) NOT NULL ,

GenderId TINYINT NOT NULL ,

BirthDate DATE NOT NULL ,

SexualPreferenceId TINYINT NULL ,

MaritalStatusId TINYINT NULL ,

Picture VARBINARY(MAX) NULL ,

RegistrationDateTime DATETIME2(0) NOT NULL

)

ON

Data;

GO

-- Create the "Operation.MemberSessions" table

CREATE TABLE

Operation.MemberSessions

(

Id INT NOT NULL IDENTITY (1,1) ,

MemberId INT NOT NULL ,

LoginDateTime DATETIME2(0) NOT NULL ,

EndDateTime DATETIME2(0) NULL ,

EndReasonId TINYINT NULL

)

ON

Data;

GO

-- Retrieve all the columns in the database

SELECT

SchemaName = SCHEMA\_NAME (Tables.schema\_id) ,

TableName = Tables.name ,

ColumnName = Columns.name ,

DataType = Types.name ,

IsNullable = Columns.is\_nullable ,

IsIdentity = Columns.is\_identity

FROM

sys.tables AS Tables

INNER JOIN

sys.columns AS Columns

ON

Tables.object\_id = Columns.object\_id

INNER JOIN

sys.types AS Types

ON

Columns.user\_type\_id = Types.user\_type\_id

ORDER BY

SchemaName ASC ,

TableName ASC ,

Columns.column\_id ASC;

GO