**Create Table:**

CREATE TABLE CustomerFeatures.Features (

    FeatureId int NOT NULL,

    FeatureName nvarchar(100) NULL,

    DefaultState bit NULL,

    CreationDate date null,

    EffectiveDate date null,

    ExpirationDate date null

);

GO

**Insert records:**

Insert into customerFeatures.features (FeatureId ,FeatureName, DefaultState, CreationDate, EffectiveDate, ExpirationDate) values (2, 'Moneywatch', 1, getdate() -1, getdate() -1, getdate() +360);

Insert into customerFeatures.features (FeatureId ,FeatureName, DefaultState, CreationDate, EffectiveDate, ExpirationDate) values (3, 'MoveMoney', 1, getdate() -1, getdate() -1, getdate() +360);

Insert into customerFeatures.features (FeatureId ,FeatureName, DefaultState, CreationDate, EffectiveDate, ExpirationDate) values (4, 'QuickTransfer', 1, getdate() -1, getdate() -1, getdate() +360);

Insert into customerFeatures.features (FeatureId ,FeatureName, DefaultState, CreationDate, EffectiveDate, ExpirationDate) values (5, 'ServiceAvailibilityBanner', 1, getdate() -1, getdate() -1, getdate() +360);

Insert into customerFeatures.features (FeatureId ,FeatureName, DefaultState, CreationDate, EffectiveDate, ExpirationDate) values (6, 'PersonalSettings', 1, getdate() -1, getdate() -1, getdate() +360);

Insert into customerFeatures.features (FeatureId ,FeatureName, DefaultState, CreationDate, EffectiveDate, ExpirationDate) values (7, 'InternationalTransactions', 1, getdate() -1, getdate() -1, getdate() +360);

Insert into customerFeatures.features (FeatureId ,FeatureName, DefaultState, CreationDate, EffectiveDate, ExpirationDate) values (8, 'ImpulseSaver', 1, getdate() -1, getdate() -1, getdate() +360);

Insert into customerFeatures.features (FeatureId ,FeatureName, DefaultState, CreationDate, EffectiveDate, ExpirationDate) values (9, 'RoundUpDown', 1, getdate() -1, getdate() -1, getdate() +360);

**Create Table:**

CREATE TABLE CustomerFeatures.CustomerFeatures (

CustomerNumber varchar(10),

FeatureId int NOT NULL,

    EnrollmentDate date null,

    FeaturesSetting varchar(50)

);

GO

**Insert Scripts:**

Insert into CustomerFeatures.CustomerFeatures (CustomerNumber, FeatureId , EnrollmentDate , FeaturesSetting ) values ('1234567890', 1, getdate()-1, null);

Insert into CustomerFeatures.CustomerFeatures (CustomerNumber, FeatureId , EnrollmentDate , FeaturesSetting ) values ('1234567890', 2, getdate()-1, null);

Insert into CustomerFeatures.CustomerFeatures (CustomerNumber, FeatureId , EnrollmentDate , FeaturesSetting ) values ('1234567890', 3, getdate()-1, null);

Insert into CustomerFeatures.CustomerFeatures (CustomerNumber, FeatureId , EnrollmentDate , FeaturesSetting ) values ('1234567890', 4, getdate()-1, null);

Insert into CustomerFeatures.CustomerFeatures (CustomerNumber, FeatureId , EnrollmentDate , FeaturesSetting ) values ('1234567890', 8, getdate()-1, null);

Insert into CustomerFeatures.CustomerFeatures (CustomerNumber, FeatureId , EnrollmentDate , FeaturesSetting ) values ('1234567890', 9, getdate()-1, null);

Insert into CustomerFeatures.CustomerFeatures (CustomerNumber, FeatureId , EnrollmentDate , FeaturesSetting ) values ('4041234567', 9, getdate()-1, null);

Insert into CustomerFeatures.CustomerFeatures (CustomerNumber, FeatureId , EnrollmentDate , FeaturesSetting ) values ('4041234567', 8, getdate()-1, null);

Insert into CustomerFeatures.CustomerFeatures (CustomerNumber, FeatureId , EnrollmentDate , FeaturesSetting ) values ('4041234567', 7, getdate()-1, null);

Insert into CustomerFeatures.CustomerFeatures (CustomerNumber, FeatureId , EnrollmentDate , FeaturesSetting ) values ('4041234567', 6, getdate()-1, null);

Insert into CustomerFeatures.CustomerFeatures (CustomerNumber, FeatureId , EnrollmentDate , FeaturesSetting ) values ('2345678912', 1, getdate()-1, null);

Insert into CustomerFeatures.CustomerFeatures (CustomerNumber, FeatureId , EnrollmentDate , FeaturesSetting ) values ('2345678912', 2, getdate()-1, null);

**Stored Procedures:**

SET QUOTED\_IDENTIFIER ON

GO

SET ANSI\_NULLS ON

GO

CREATE PROCEDURE [CustomerFeatures].[GetCustomerFeature]

@CustomerNumber varchar(10),

@FeatureId Int

AS

BEGIN

    SET NOCOUNT ON;

    Select FT.FeatureId, FT.FeatureName, FT.DefaultState, FT.CreationDate, FT.EffectiveDate, FT.ExpirationDate, CT.EnrollmentDate From

    (SELECT FeatureId ,FeatureName, DefaultState, CreationDate, EffectiveDate, ExpirationDate

    FROM CustomerFeatures.Features Where DefaultState = 1 and FeatureId = @FeatureId) as FT

    Left outer join

    (Select CustomerNumber, FeatureId, EnrollmentDate, FeaturesSetting From CustomerFeatures.CustomerFeatures Where CustomerNumber = @CustomerNumber) as CT

    On FT.FeatureId = CT.FeatureId

END;

GO

SET QUOTED\_IDENTIFIER ON

GO

SET ANSI\_NULLS ON

GO

CREATE PROCEDURE [CustomerFeatures].[GetCustomerFeaturesList]

@CustomerNumber varchar(10)

AS

BEGIN

    SET NOCOUNT ON;

    Select FT.FeatureId, FT.FeatureName, FT.DefaultState, FT.CreationDate, FT.EffectiveDate, FT.ExpirationDate, CT.EnrollmentDate From

    (SELECT FeatureId ,FeatureName, DefaultState, CreationDate, EffectiveDate, ExpirationDate

    FROM CustomerFeatures.Features Where DefaultState = 1) as FT

    Left outer join

    (Select CustomerNumber, FeatureId, EnrollmentDate, FeaturesSetting From CustomerFeatures.CustomerFeatures Where CustomerNumber = @CustomerNumber) as CT

    On FT.FeatureId = CT.FeatureId

Order by CT.CustomerNumber, FT.FeatureId

END;

GO

SET QUOTED\_IDENTIFIER ON

GO

SET ANSI\_NULLS ON

GO

CREATE PROCEDURE [CustomerFeatures].[GetFeaturesList]

AS

BEGIN

    SET NOCOUNT ON;

    SELECT FeatureId ,FeatureName, DefaultState, CreationDate, EffectiveDate, ExpirationDate

    FROM CustomerFeatures.Features

    Order BY FeatureId asc

 END;

GO