Database

**Tables**

**Volunteer: AccountID, FirstName, LastName**

CREATE TABLE Volunteer(

AccountID int,

FirstName varchar(255),

LastName varchar(255),

PRIMARY KEY(AccountID)

);

**NonProfit: AccountID, Name**

CREATE TABLE NonProfit(

AccountID int,

Name varchar(255),

PRIMARY KEY(AccountID)

);

**Email: AccountID, Email**

CREATE TABLE Email(

AccountID int,

Email varchar(50),

PRIMARY KEY(AccountID, Email)

);

**Event: EventID, Title, StartDate, EndDate, Description, OrganizerID**

CREATE TABLE Event(

EventID int IDENTITY(1,1),

Title varchar(255),

StartDate varchar(50),

EndDate varchar(50),

Description varchar(MAX),

OrganizerID int,

PRIMARY KEY(EventID)

);

**VolunteerXEvent: VolunteerID, EventID**

CREATE TABLE VolunteerXEvent(

VolunteerID int,

EventID int,

PRIMARY KEY (VolunteerID, EventID),

FOREIGN KEY (VolunteerID) REFERENCES Volunteer(AccountID),

FOREIGN KEY (EventID) REFERENCES Event(EventID)

);

**NonProfitXEvent: NonProfitID, EventID**

CREATE TABLE NonProfitXEvent(

NonProfitID int,

EventID int,

PRIMARY KEY(NonProfitID, EventID),

FOREIGN KEY (NonProfitID) REFERENCES NonProfit(AccountID),

FOREIGN KEY (EventID) REFERENCES Event(EventID)

);

**Request: RequestID, Title, Description, QuantityNeeded, QuantityObtained, Closed, RequestType**

CREATE TABLE Request(

RequestID int,

Title varchar(255),

Description varchar(MAX),

QuantityNeeded int,

QuantityObtained int,

Closed int,

RequestType int,

PRIMARY KEY(RequestID)

);

**Qualifications: QualificationID, Title, Description**

CREATE TABLE Qualification(

QualificationID int,

Title varchar(255),

Description varchar(MAX),

PRIMARY KEY (QualificationID)

);

**RequestXQualifications: RequestID, QualificationID**

CREATE TABLE RequestXQualifications(

RequestID int,

QualificationID int,

PRIMARY KEY(RequestID,QualificationID),

FOREIGN KEY (RequestID) REFERENCES Request(RequestID),

FOREIGN KEY (QualificationID) REFERENCES Qualification(QualificationID)

);

**VolunteerXQualifications: VolunteerID, QualificationID**

CREATE TABLE VolunteerXQualifications(

VolunteerID int,

QualificationID int,

PRIMARY KEY(VolunteerID,QualificationID),

FOREIGN KEY (VolunteerID) REFERENCES Volunteer(AccountID),

FOREIGN KEY (QualificationID) REFERENCES Qualification(QualificationID)

);

**Stored Procedures**

**CreateEvent:**

USE [ServiceProj]

GO

/\*\*\*\*\*\* Object: StoredProcedure [dbo].[CreateEvent] Script Date: 7/24/2020 3:01:42 PM \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

-- =============================================

-- Author: Tyler Tompkins

-- Create date: 7/18/2020

-- Description: <Description,,>

-- =============================================

CREATE PROCEDURE [dbo].[CreateEvent]

@p\_sTitle varchar(255),

@p\_dStartDate datetime,

@p\_dEndDate datetime,

@p\_sDescription varchar(MAX),

@p\_iOrganizerID int

AS

BEGIN

INSERT INTO Event (Title, StartDate, EndDate, Description, OrganizerID)

VALUES (@p\_sTitle, @p\_dStartDate, @p\_dEndDate, @p\_sDescription, @p\_iOrganizerID)

END

**CreateNonProfit:**

USE [ServiceProj]

GO

/\*\*\*\*\*\* Object: StoredProcedure [dbo].[CreateNonProfit] Script Date: 7/24/2020 7:42:49 PM \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

-- =============================================

-- Author: Tyler Tompkins

-- Create date: 7/18/2020

-- Description: <Description,,>

-- =============================================

CREATE PROCEDURE [dbo].[CreateNonProfit]

@Name varchar(255)

AS

BEGIN

INSERT INTO NonProfit ([Name])

VALUES (@Name)

END

**CreateQualification:**

USE [ServiceProj]

GO

/\*\*\*\*\*\* Object: StoredProcedure [dbo].[CreateQualification] Script Date: 7/24/2020 7:47:19 PM \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

-- =============================================

-- Author: Tyler Tompkins

-- Create date: 7/18/2020

-- Description: <Description,,>

-- =============================================

CREATE PROCEDURE [dbo].[CreateQualification]

@p\_sTitle varchar(255),

@p\_sDescription varchar(MAX)

AS

BEGIN

INSERT INTO Qualification(Title, [Description])

VALUES (@p\_sTitle, @p\_sDescription)

END

GO

**CreateRequest:**

USE [ServiceProj]

GO

/\*\*\*\*\*\* Object: StoredProcedure [dbo].[CreateRequest] Script Date: 7/24/2020 7:47:42 PM \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

-- =============================================

-- Author: Tyler Tompkins

-- Create date: 7/18/2020

-- Description: <Description,,>

-- =============================================

CREATE PROCEDURE [dbo].[CreateRequest]

@p\_sTitle varchar(255),

@p\_sDescription varchar(MAX),

@p\_iQuantityNeeded int,

@p\_iQuantityObtained int,

@p\_iClosed int,

@p\_iRequestType int

AS

BEGIN

INSERT INTO Request(Title, [Description], QuantityNeeded, QuantityObtained, Closed, RequestType)

VALUES (@p\_sTitle, @p\_sDescription, @p\_iQuantityNeeded, @p\_iQuantityObtained, @p\_iClosed, @p\_iRequestType)

END

GO

**CreateVolunteer:**

USE [ServiceProj]

GO

/\*\*\*\*\*\* Object: StoredProcedure [dbo].[CreateVolunteer] Script Date: 7/24/2020 7:48:13 PM \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

-- =============================================

-- Author: Tyler Tompkins

-- Create date: 7/18/2020

-- Description: <Description,,>

-- =============================================

CREATE PROCEDURE [dbo].[CreateVolunteer]

@FirstName varchar(255),

@LastName varchar(255)

AS

BEGIN

INSERT INTO Volunteer (FirstName, LastName)

VALUES (@FirstName, @LastName)

END

GO

**DeleteEvent:**

USE [ServiceProj]

GO

/\*\*\*\*\*\* Object: StoredProcedure [dbo].[DeleteEvent] Script Date: 7/24/2020 7:48:36 PM \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

-- =============================================

-- Author: Tyler Tompkins

-- Create date: 7/18/2020

-- Description: <Description,,>

-- =============================================

CREATE PROCEDURE [dbo].[DeleteEvent]

-- Add the parameters for the stored procedure here

@p\_iEventID [int]

AS

BEGIN

DECLARE @sErrMsg [varchar](2048)

DECLARE @sBookMark [varchar](64)

BEGIN TRY

DELETE FROM dbo.Event WHERE EventID = @p\_iEventID

END TRY

BEGIN CATCH

SET @sErrMsg = CONVERT(varchar(11),ERROR\_NUMBER())+':'+ERROR\_MESSAGE() + ' at '+ ERROR\_PROCEDURE()+'['+@sBookmark+']'

ROLLBACK TRANSACTION;

RAISERROR (@sErrMsg, 10,1)

END CATCH;

END

GO

**DeleteNonProfit:**

USE [ServiceProj]

GO

/\*\*\*\*\*\* Object: StoredProcedure [dbo].[DeleteNonProfit] Script Date: 7/24/2020 7:49:01 PM \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

-- =============================================

-- Author: Tyler Tompkins

-- Create date: 7/18/2020

-- Description: <Description,,>

-- =============================================

CREATE PROCEDURE [dbo].[DeleteNonProfit]

-- Add the parameters for the stored procedure here

@p\_iAccountID [int]

AS

BEGIN

DECLARE @sErrMsg [varchar](2048)

DECLARE @sBookMark [varchar](64)

BEGIN TRY

DELETE FROM dbo.NonProfit WHERE [AccountID] = @p\_iAccountID

END TRY

BEGIN CATCH

SET @sErrMsg = CONVERT(varchar(11),ERROR\_NUMBER())+':'+ERROR\_MESSAGE() + ' at '+ ERROR\_PROCEDURE()+'['+@sBookmark+']'

ROLLBACK TRANSACTION;

RAISERROR (@sErrMsg, 10,1)

END CATCH;

END

GO

**DeleteQualification:**

USE [ServiceProj]

GO

/\*\*\*\*\*\* Object: StoredProcedure [dbo].[DeleteQualification] Script Date: 7/24/2020 7:49:20 PM \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

-- =============================================

-- Author: Tyler Tompkins

-- Create date: 7/18/2020

-- Description: <Description,,>

-- =============================================

CREATE PROCEDURE [dbo].[DeleteQualification]

-- Add the parameters for the stored procedure here

@p\_iQualificationID [int]

AS

BEGIN

DECLARE @sErrMsg [varchar](2048)

DECLARE @sBookMark [varchar](64)

BEGIN TRY

DELETE FROM dbo.[Qualification] WHERE QualificationID = @p\_iQualificationID

END TRY

BEGIN CATCH

SET @sErrMsg = CONVERT(varchar(11),ERROR\_NUMBER())+':'+ERROR\_MESSAGE() + ' at '+ ERROR\_PROCEDURE()+'['+@sBookmark+']'

ROLLBACK TRANSACTION;

RAISERROR (@sErrMsg, 10,1)

END CATCH;

END

**DeleteRequest:**

USE [ServiceProj]

GO

/\*\*\*\*\*\* Object: StoredProcedure [dbo].[DeleteRequest] Script Date: 7/24/2020 7:49:39 PM \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

-- =============================================

-- Author: Tyler Tompkins

-- Create date: 7/18/2020

-- Description: <Description,,>

-- =============================================

CREATE PROCEDURE [dbo].[DeleteRequest]

-- Add the parameters for the stored procedure here

@p\_iRequestID [int]

AS

BEGIN

DECLARE @sErrMsg [varchar](2048)

DECLARE @sBookMark [varchar](64)

BEGIN TRY

DELETE FROM dbo.Request WHERE RequestID = @p\_iRequestID

END TRY

BEGIN CATCH

SET @sErrMsg = CONVERT(varchar(11),ERROR\_NUMBER())+':'+ERROR\_MESSAGE() + ' at '+ ERROR\_PROCEDURE()+'['+@sBookmark+']'

ROLLBACK TRANSACTION;

RAISERROR (@sErrMsg, 10,1)

END CATCH;

END

GO

**DeleteVolunteer:**

USE [ServiceProj]

GO

/\*\*\*\*\*\* Object: StoredProcedure [dbo].[DeleteVolunteer] Script Date: 7/24/2020 7:49:55 PM \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

-- =============================================

-- Author: Tyler Tompkins

-- Create date: 7/18/2020

-- Description: <Description,,>

-- =============================================

CREATE PROCEDURE [dbo].[DeleteVolunteer]

-- Add the parameters for the stored procedure here

@p\_iAccountID [int]

AS

BEGIN

DECLARE @sErrMsg [varchar](2048)

DECLARE @sBookMark [varchar](64)

BEGIN TRY

DELETE FROM dbo.Volunteer WHERE [AccountID] = @p\_iAccountID

END TRY

BEGIN CATCH

SET @sErrMsg = CONVERT(varchar(11),ERROR\_NUMBER())+':'+ERROR\_MESSAGE() + ' at '+ ERROR\_PROCEDURE()+'['+@sBookmark+']'

ROLLBACK TRANSACTION;

RAISERROR (@sErrMsg, 10,1)

END CATCH;

END

GO

**GetEvent:**

USE [ServiceProj]

GO

/\*\*\*\*\*\* Object: StoredProcedure [dbo].[GetEvent] Script Date: 7/24/2020 7:50:11 PM \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

-- =============================================

-- Author: Tyler Tompkins

-- Create date: 7/18/2020

-- Description: <Description,,>

-- =============================================

CREATE PROCEDURE [dbo].[GetEvent](

@p\_iEventID int)

AS

BEGIN

SELECT EventID, Title, StartDate, EndDate, [Description], OrganizerID

FROM dbo.Event

WHERE EventID = @p\_iEventID

END

GO

**GetEvents:**

USE [ServiceProj]

GO

/\*\*\*\*\*\* Object: StoredProcedure [dbo].[GetEvents] Script Date: 7/24/2020 7:50:28 PM \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

-- =============================================

-- Author: Tyler Tompkins

-- Create date: 7/18/2020

-- Description: <Description,,>

-- =============================================

CREATE PROCEDURE [dbo].[GetEvents]

AS

BEGIN

SELECT EventID, Title, StartDate, EndDate, [Description], OrganizerID

FROM dbo.Event

END

GO

**GetNonProfit:**

USE [ServiceProj]

GO

/\*\*\*\*\*\* Object: StoredProcedure [dbo].[GetNonProfit] Script Date: 7/24/2020 7:50:43 PM \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

-- =============================================

-- Author: Tyler Tompkins

-- Create date: 7/18/2020

-- Description: <Description,,>

-- =============================================

CREATE PROCEDURE [dbo].[GetNonProfit](

@p\_iAccountID int)

AS

BEGIN

SELECT AccountID, [Name]

FROM NonProfit

WHERE AccountID = @p\_iAccountID

END

GO

**GetNonProfits:**

USE [ServiceProj]

GO

/\*\*\*\*\*\* Object: StoredProcedure [dbo].[GetNonProfits] Script Date: 7/24/2020 7:51:03 PM \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

-- =============================================

-- Author: Tyler Tompkins

-- Create date: 7/18/2020

-- Description: <Description,,>

-- =============================================

CREATE PROCEDURE [dbo].[GetNonProfits]

AS

BEGIN

SELECT AccountID, [Name]

FROM NonProfit

END

GO

**GetQualification:**

USE [ServiceProj]

GO

/\*\*\*\*\*\* Object: StoredProcedure [dbo].[GetQualification] Script Date: 7/24/2020 7:51:19 PM \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

-- =============================================

-- Author: Tyler Tompkins

-- Create date: 7/18/2020

-- Description: <Description,,>

-- =============================================

CREATE PROCEDURE [dbo].[GetQualification](

@p\_iQualificationID int)

AS

BEGIN

SELECT QualificationID, Title, [Description]

FROM dbo.[Qualification]

WHERE QualificationID = @p\_iQualificationID

END

GO

**GetQualifications:**

USE [ServiceProj]

GO

/\*\*\*\*\*\* Object: StoredProcedure [dbo].[GetQualifications] Script Date: 7/24/2020 7:51:45 PM \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

-- =============================================

-- Author: Tyler Tompkins

-- Create date: 7/18/2020

-- Description: <Description,,>

-- =============================================

CREATE PROCEDURE [dbo].[GetQualifications]

AS

BEGIN

SELECT QualificationID, Title, [Description]

FROM dbo.[Qualification]

END

GO

**GetRequest:**

USE [ServiceProj]

GO

/\*\*\*\*\*\* Object: StoredProcedure [dbo].[GetRequest] Script Date: 7/24/2020 7:51:59 PM \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

-- =============================================

-- Author: Tyler Tompkins

-- Create date: 7/18/2020

-- Description: <Description,,>

-- =============================================

CREATE PROCEDURE [dbo].[GetRequest](

@p\_iRequestID int)

AS

BEGIN

SELECT RequestID, Title, [Description], [QuantityNeeded], QuantityObtained, Closed, RequestType

FROM dbo.Request

WHERE RequestID = @p\_iRequestID

END

GO

**GetRequests:**

USE [ServiceProj]

GO

/\*\*\*\*\*\* Object: StoredProcedure [dbo].[GetRequests] Script Date: 7/24/2020 7:52:19 PM \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

-- =============================================

-- Author: Tyler Tompkins

-- Create date: 7/18/2020

-- Description: <Description,,>

-- =============================================

CREATE PROCEDURE [dbo].[GetRequests]

AS

BEGIN

SELECT RequestID, Title, [Description], [QuantityNeeded], QuantityObtained, Closed, RequestType

FROM dbo.Request

END

GO

**GetVolunteer:**

USE [ServiceProj]

GO

/\*\*\*\*\*\* Object: StoredProcedure [dbo].[GetVolunteer] Script Date: 7/24/2020 7:52:38 PM \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

-- =============================================

-- Author: Tyler Tompkins

-- Create date: 7/18/2020

-- Description: <Description,,>

-- =============================================

CREATE PROCEDURE [dbo].[GetVolunteer](

@p\_iAccountID int)

AS

BEGIN

SELECT AccountID, FirstName, LastName

FROM Volunteer

WHERE AccountID = @p\_iAccountID

END

GO

**GetVolunteers:**

USE [ServiceProj]

GO

/\*\*\*\*\*\* Object: StoredProcedure [dbo].[GetVolunteers] Script Date: 7/24/2020 7:53:07 PM \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

-- =============================================

-- Author: Tyler Tompkins

-- Create date: 7/18/2020

-- Description: <Description,,>

-- =============================================

CREATE PROCEDURE [dbo].[GetVolunteers]

AS

BEGIN

SELECT AccountID, FirstName, LastName

FROM Volunteer

END

GO

**UpdateEvent:**

USE [ServiceProj]

GO

/\*\*\*\*\*\* Object: StoredProcedure [dbo].[UpdateEvent] Script Date: 7/24/2020 7:53:21 PM \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

-- =============================================

-- Author: Tyler Tompkins

-- Create date: 7/18/2020

-- Description: <Description,,>

-- =============================================

CREATE PROCEDURE [dbo].[UpdateEvent]

@p\_iEventID [int] OUTPUT,

@p\_sTitle varchar(255),

@p\_dStartDate datetime,

@p\_dEndDate datetime,

@p\_sDescription varchar(MAX),

@p\_iOrganizerID int

AS

BEGIN

DECLARE @sErrMsg [varchar](255)

DECLARE @sBookmark [varchar](64) = 'START'

BEGIN TRY

IF (@p\_iEventID IS NULL OR @p\_iEventID = 0)

BEGIN

SET @sBookmark = 'INSERT'

INSERT INTO dbo.[Event](Title, StartDate, EndDate, [Description], OrganizerID)

VALUES (@p\_sTitle, @p\_dStartDate, @p\_dEndDate, @p\_sDescription, @p\_iOrganizerID)

SET @p\_iEventID = SCOPE\_IDENTITY();

END

ELSE

BEGIN

SET @sBookmark = 'UPDATE'

UPDATE dbo.[Event] SET

Title = @p\_sTitle,

StartDate = @p\_dStartDate,

EndDate = @p\_dEndDate,

[Description] = @p\_sDescription,

OrganizerID = @p\_iOrganizerID

WHERE EventID = @p\_iEventID

END

END TRY

BEGIN CATCH

SET @sErrMsg = CONVERT(varchar(11),ERROR\_NUMBER())+':'+ERROR\_MESSAGE() + ' at '+ ERROR\_PROCEDURE()+'['+@sBookmark+']'

RAISERROR (@sErrMsg, 10,1)

END CATCH;

END

GO

**UpdateNonProfit:**

USE [ServiceProj]

GO

/\*\*\*\*\*\* Object: StoredProcedure [dbo].[UpdateNonProfit] Script Date: 7/24/2020 7:53:40 PM \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

-- =============================================

-- Author: Tyler Tompkins

-- Create date: 7/18/2020

-- Description: <Description,,>

-- =============================================

CREATE PROCEDURE [dbo].[UpdateNonProfit]

@p\_iAccountID [int] OUTPUT

,@p\_sName [varchar](64)

AS

BEGIN

DECLARE @sErrMsg [varchar](255)

DECLARE @sBookmark [varchar](64) = 'START'

BEGIN TRY

IF (@p\_iAccountID IS NULL OR @p\_iAccountID = 0)

BEGIN

SET @sBookmark = 'INSERT'

INSERT INTO dbo.NonProfit([Name])

VALUES (@p\_sName)

SET @p\_iAccountID = SCOPE\_IDENTITY();

END

ELSE

BEGIN

SET @sBookmark = 'UPDATE'

UPDATE dbo.NonProfit SET

[Name] = @p\_sName

WHERE [AccountID] = @p\_iAccountID

END

END TRY

BEGIN CATCH

SET @sErrMsg = CONVERT(varchar(11),ERROR\_NUMBER())+':'+ERROR\_MESSAGE() + ' at '+ ERROR\_PROCEDURE()+'['+@sBookmark+']'

RAISERROR (@sErrMsg, 10,1)

END CATCH;

END

GO

**UpdateQualification:**

USE [ServiceProj]

GO

/\*\*\*\*\*\* Object: StoredProcedure [dbo].[UpdateQualification] Script Date: 7/24/2020 7:53:53 PM \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

-- =============================================

-- Author: Tyler Tompkins

-- Create date: 7/18/2020

-- Description: <Description,,>

-- =============================================

CREATE PROCEDURE [dbo].[UpdateQualification]

@p\_iQualificationID [int] OUTPUT,

@p\_sTitle varchar(255),

@p\_sDescription varchar(MAX)

AS

BEGIN

DECLARE @sErrMsg [varchar](255)

DECLARE @sBookmark [varchar](64) = 'START'

BEGIN TRY

IF (@p\_iQualificationID IS NULL OR @p\_iQualificationID = 0)

BEGIN

SET @sBookmark = 'INSERT'

INSERT INTO dbo.Qualification(Title, [Description])

VALUES (@p\_sTitle, @p\_sDescription)

SET @p\_iQualificationID = SCOPE\_IDENTITY();

END

ELSE

BEGIN

SET @sBookmark = 'UPDATE'

UPDATE dbo.Qualification SET

Title = @p\_sTitle,

[Description] = @p\_sDescription

WHERE QualificationID = @p\_iQualificationID

END

END TRY

BEGIN CATCH

SET @sErrMsg = CONVERT(varchar(11),ERROR\_NUMBER())+':'+ERROR\_MESSAGE() + ' at '+ ERROR\_PROCEDURE()+'['+@sBookmark+']'

RAISERROR (@sErrMsg, 10,1)

END CATCH;

END

GO

**UpdateRequest:**

USE [ServiceProj]

GO

/\*\*\*\*\*\* Object: StoredProcedure [dbo].[UpdateRequest] Script Date: 7/24/2020 7:54:09 PM \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

-- =============================================

-- Author: Tyler Tompkins

-- Create date: 7/18/2020

-- Description: <Description,,>

-- =============================================

CREATE PROCEDURE [dbo].[UpdateRequest]

@p\_iRequestID [int] OUTPUT

,@p\_sTitle varchar(255),

@p\_sDescription varchar(MAX),

@p\_iQuantityNeeded int,

@p\_iQuantityObtained int,

@p\_iClosed int,

@p\_iRequestType int

AS

BEGIN

DECLARE @sErrMsg [varchar](255)

DECLARE @sBookmark [varchar](64) = 'START'

BEGIN TRY

IF (@p\_iRequestID IS NULL OR @p\_iRequestID = 0)

BEGIN

SET @sBookmark = 'INSERT'

INSERT INTO dbo.Request(Title, [Description], QuantityNeeded, QuantityObtained, Closed, RequestType)

VALUES (@p\_sTitle, @p\_sDescription, @p\_iQuantityNeeded, @p\_iQuantityObtained, @p\_iClosed, @p\_iRequestType)

SET @p\_iRequestID = SCOPE\_IDENTITY();

END

ELSE

BEGIN

SET @sBookmark = 'UPDATE'

UPDATE dbo.Request SET

Title = @p\_sTitle,

[Description] = @p\_sDescription,

[QuantityNeeded] = @p\_iQuantityNeeded,

[QuantityObtained] = @p\_iQuantityObtained,

[Closed] = @p\_iClosed,

RequestType = @p\_iRequestType

WHERE RequestID = @p\_iRequestID

END

END TRY

BEGIN CATCH

SET @sErrMsg = CONVERT(varchar(11),ERROR\_NUMBER())+':'+ERROR\_MESSAGE() + ' at '+ ERROR\_PROCEDURE()+'['+@sBookmark+']'

RAISERROR (@sErrMsg, 10,1)

END CATCH;

END

GO

**UpdateVolunteer:**

USE [ServiceProj]

GO

/\*\*\*\*\*\* Object: StoredProcedure [dbo].[UpdateVolunteer] Script Date: 7/24/2020 7:54:23 PM \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

-- =============================================

-- Author: Tyler Tompkins

-- Create date: 7/18/2020

-- Description: <Description,,>

-- =============================================

CREATE PROCEDURE [dbo].[UpdateVolunteer]

@p\_iAccountID [int] OUTPUT

,@p\_sFirstName [varchar](255)

,@p\_sLastName [varchar](255)

AS

BEGIN

DECLARE @sErrMsg [varchar](255)

DECLARE @sBookmark [varchar](64) = 'START'

BEGIN TRY

IF (@p\_iAccountID IS NULL OR @p\_iAccountID = 0)

BEGIN

SET @sBookmark = 'INSERT'

INSERT INTO dbo.Volunteer([FirstName], [LastName])

VALUES (@p\_sFirstName, @p\_sLastName)

SET @p\_iAccountID = SCOPE\_IDENTITY();

END

ELSE

BEGIN

SET @sBookmark = 'UPDATE'

UPDATE dbo.Volunteer SET

[FirstName] = @p\_sFirstName,

[LastName] = @p\_sLastName

WHERE [AccountID] = @p\_iAccountID

END

END TRY

BEGIN CATCH

SET @sErrMsg = CONVERT(varchar(11),ERROR\_NUMBER())+':'+ERROR\_MESSAGE() + ' at '+ ERROR\_PROCEDURE()+'['+@sBookmark+']'

RAISERROR (@sErrMsg, 10,1)

END CATCH;

END

GO