USE [AttestationDatabase]

GO

/\*\*\*\*\*\* Object: StoredProcedure [dbo].[DeleteAttestationInstance] Script Date: 2/25/2020 9:42:47 AM \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

--THIS IS A CAREFUL, TRANSACTIONAL, DELETE OF AN ATTESTATION AND ALL OF IT'S DEPENDENT RECORDS IN VARIOUS TABLES.

--THE ATTESTATION\_DATAMODEL.JPG CAN BE USED AS A REFERENCE.

CREATE PROCEDURE [dbo].[DeleteAttestationInstance]

(

@AttestationInstanceId UNIQUEIDENTIFIER,

@MemberGuid UNIQUEIDENTIFIER

)

AS

BEGIN

SET XACT\_ABORT ON

BEGIN TRANSACTION

DECLARE @Cnt AS INT

--Safety check - make sure the memberid is known and matches

SELECT @Cnt = COUNT(AttestationInstanceId)

FROM AttestationInstance

WHERE MemberGuid = @MemberGuid

AND AttestationInstanceId = @AttestationInstanceId

IF @Cnt <> 1

BEGIN

ROLLBACK TRANSACTION

PRINT 'MemberGuid and InstanceId do not match. Delete has been rolled back.'

RETURN

END

PRINT 'BEGIN EMAIL LOG DELETE'

DELETE FROM AttestationEmailLog

WHERE AttestationInstanceId=@AttestationInstanceId

IF @@ROWCOUNT > 3

BEGIN

ROLLBACK TRANSACTION

PRINT 'ROLLBACK EMAIL LOG DELETE - Number of emails seems too high. Please Investigate.'

RETURN

END

PRINT 'BEGIN RESPONSE DELETE'

DELETE

FROM response

WHERE questionid IN (

SELECT questionid

FROM question

WHERE attestationformid IN (

SELECT attestationformid

FROM attestationform

WHERE attestationinstanceid = @AttestationInstanceId

)

)

IF @@ROWCOUNT > 1

BEGIN

ROLLBACK TRANSACTION

RETURN

END

PRINT 'BEGIN QUESTION DELETE'

DELETE

FROM question

WHERE attestationformid IN (

SELECT attestationformid

FROM attestationform

WHERE attestationinstanceid = @AttestationInstanceId

)

IF @@ROWCOUNT > 1

BEGIN

ROLLBACK TRANSACTION

RETURN

END

PRINT 'BEGIN PROCEDURELOG DELETE'

DELETE

FROM attestationprocedurelog

WHERE attestationformid IN (

SELECT attestationformid

FROM attestationform

WHERE attestationinstanceid = @AttestationInstanceId

)

PRINT 'BEGIN EVENT DELETE'

DELETE

FROM AttestationEvent

WHERE attestationformid IN (

SELECT attestationformid

FROM attestationform

WHERE attestationinstanceid = @AttestationInstanceId

)

PRINT 'BEGIN SET ATTESTORID TO NULL IN FORM'

UPDATE attestationform

SET attestorid = NULL

WHERE attestorid IN (

SELECT attestorid

FROM attestor

WHERE attestationinstanceid = @AttestationInstanceId

)

IF @@ROWCOUNT > 4

BEGIN

ROLLBACK TRANSACTION

RETURN

END

PRINT 'BEGIN ATTESTOR DELETE'

DELETE

FROM attestor

WHERE attestationinstanceid = @AttestationInstanceId

IF @@ROWCOUNT > 4

BEGIN

ROLLBACK TRANSACTION

RETURN

END

PRINT 'BEGIN FORM DELETE'

DELETE

FROM attestationform

WHERE attestationinstanceid = @AttestationInstanceId

IF @@ROWCOUNT > 5

BEGIN

ROLLBACK TRANSACTION

RETURN

END

PRINT 'BEGIN INSTANCE DELETE'

DELETE

FROM attestationinstance

WHERE attestationinstanceid = @AttestationInstanceId

IF @@ROWCOUNT > 1

BEGIN

ROLLBACK TRANSACTION

RETURN

END

PRINT 'completed successfully'

COMMIT TRANSACTION

END

GO