Script:

IF OBJECT\_ID(N'[\_\_EFMigrationsHistory]') IS NULL

BEGIN

CREATE TABLE [\_\_EFMigrationsHistory] (

[MigrationId] nvarchar(150) NOT NULL,

[ProductVersion] nvarchar(32) NOT NULL,

CONSTRAINT [PK\_\_\_EFMigrationsHistory] PRIMARY KEY ([MigrationId])

);

END;

GO

BEGIN TRANSACTION;

GO

CREATE TABLE [Categoria] (

[CategoriaId] int NOT NULL IDENTITY,

[NomeCategoria] nvarchar(max) NULL,

CONSTRAINT [PK\_Categoria] PRIMARY KEY ([CategoriaId])

);

GO

CREATE TABLE [Log] (

[ID] int NOT NULL IDENTITY,

[CursoId] int NOT NULL,

CONSTRAINT [PK\_Log] PRIMARY KEY ([ID])

);

GO

CREATE TABLE [Curso] (

[CursoId] int NOT NULL IDENTITY,

[Descricao] nvarchar(max) NULL,

[DataInicio] datetime2 NOT NULL,

[DataTermino] datetime2 NOT NULL,

[QtdAlunosTurma] int NOT NULL,

[NomeCategoria] nvarchar(max) NOT NULL,

[LogID] int NULL,

CONSTRAINT [PK\_Curso] PRIMARY KEY ([CursoId]),

CONSTRAINT [FK\_Curso\_Log\_LogID] FOREIGN KEY ([LogID]) REFERENCES [Log] ([ID]) ON DELETE NO ACTION

);

GO

CREATE INDEX [IX\_Curso\_LogID] ON [Curso] ([LogID]);

GO

INSERT INTO [\_\_EFMigrationsHistory] ([MigrationId], [ProductVersion])

VALUES (N'20211116004041\_initial', N'5.0.12');

GO

COMMIT;

GO

BEGIN TRANSACTION;

GO

ALTER TABLE [Curso] DROP CONSTRAINT [FK\_Curso\_Log\_LogID];

GO

DROP INDEX [IX\_Curso\_LogID] ON [Curso];

GO

DECLARE @var0 sysname;

SELECT @var0 = [d].[name]

FROM [sys].[default\_constraints] [d]

INNER JOIN [sys].[columns] [c] ON [d].[parent\_column\_id] = [c].[column\_id] AND [d].[parent\_object\_id] = [c].[object\_id]

WHERE ([d].[parent\_object\_id] = OBJECT\_ID(N'[Curso]') AND [c].[name] = N'LogID');

IF @var0 IS NOT NULL EXEC(N'ALTER TABLE [Curso] DROP CONSTRAINT [' + @var0 + '];');

ALTER TABLE [Curso] DROP COLUMN [LogID];

GO

ALTER TABLE [Log] ADD [DataInclusao] datetime2 NOT NULL DEFAULT '0001-01-01T00:00:00.0000000';

GO

ALTER TABLE [Log] ADD [DataUltimaAtualizacao] datetime2 NOT NULL DEFAULT '0001-01-01T00:00:00.0000000';

GO

CREATE INDEX [IX\_Log\_CursoId] ON [Log] ([CursoId]);

GO

ALTER TABLE [Log] ADD CONSTRAINT [FK\_Log\_Curso\_CursoId] FOREIGN KEY ([CursoId]) REFERENCES [Curso] ([CursoId]) ON DELETE CASCADE;

GO

INSERT INTO [\_\_EFMigrationsHistory] ([MigrationId], [ProductVersion])

VALUES (N'20211116013618\_final', N'5.0.12');

GO

COMMIT;

GO

BEGIN TRANSACTION;

GO

DECLARE @var1 sysname;

SELECT @var1 = [d].[name]

FROM [sys].[default\_constraints] [d]

INNER JOIN [sys].[columns] [c] ON [d].[parent\_column\_id] = [c].[column\_id] AND [d].[parent\_object\_id] = [c].[object\_id]

WHERE ([d].[parent\_object\_id] = OBJECT\_ID(N'[Curso]') AND [c].[name] = N'NomeCategoria');

IF @var1 IS NOT NULL EXEC(N'ALTER TABLE [Curso] DROP CONSTRAINT [' + @var1 + '];');

ALTER TABLE [Curso] DROP COLUMN [NomeCategoria];

GO

ALTER TABLE [Curso] ADD [CategoriaId] nvarchar(max) NULL;

GO

ALTER TABLE [Curso] ADD [CategoriaId1] int NULL;

GO

CREATE INDEX [IX\_Curso\_CategoriaId1] ON [Curso] ([CategoriaId1]);

GO

ALTER TABLE [Curso] ADD CONSTRAINT [FK\_Curso\_Categoria\_CategoriaId1] FOREIGN KEY ([CategoriaId1]) REFERENCES [Categoria] ([CategoriaId]) ON DELETE NO ACTION;

GO

INSERT INTO [\_\_EFMigrationsHistory] ([MigrationId], [ProductVersion])

VALUES (N'20211117002750\_final2', N'5.0.12');

GO

COMMIT;

GO

BEGIN TRANSACTION;

GO

ALTER TABLE [Curso] DROP CONSTRAINT [FK\_Curso\_Categoria\_CategoriaId1];

GO

DROP INDEX [IX\_Curso\_CategoriaId1] ON [Curso];

GO

DECLARE @var2 sysname;

SELECT @var2 = [d].[name]

FROM [sys].[default\_constraints] [d]

INNER JOIN [sys].[columns] [c] ON [d].[parent\_column\_id] = [c].[column\_id] AND [d].[parent\_object\_id] = [c].[object\_id]

WHERE ([d].[parent\_object\_id] = OBJECT\_ID(N'[Curso]') AND [c].[name] = N'CategoriaId1');

IF @var2 IS NOT NULL EXEC(N'ALTER TABLE [Curso] DROP CONSTRAINT [' + @var2 + '];');

ALTER TABLE [Curso] DROP COLUMN [CategoriaId1];

GO

DECLARE @var3 sysname;

SELECT @var3 = [d].[name]

FROM [sys].[default\_constraints] [d]

INNER JOIN [sys].[columns] [c] ON [d].[parent\_column\_id] = [c].[column\_id] AND [d].[parent\_object\_id] = [c].[object\_id]

WHERE ([d].[parent\_object\_id] = OBJECT\_ID(N'[Curso]') AND [c].[name] = N'CategoriaId');

IF @var3 IS NOT NULL EXEC(N'ALTER TABLE [Curso] DROP CONSTRAINT [' + @var3 + '];');

ALTER TABLE [Curso] ALTER COLUMN [CategoriaId] int NULL;

GO

ALTER TABLE [Curso] ADD [NomeCategoria] nvarchar(max) NULL;

GO

CREATE INDEX [IX\_Curso\_CategoriaId] ON [Curso] ([CategoriaId]);

GO

ALTER TABLE [Curso] ADD CONSTRAINT [FK\_Curso\_Categoria\_CategoriaId] FOREIGN KEY ([CategoriaId]) REFERENCES [Categoria] ([CategoriaId]) ON DELETE NO ACTION;

GO

INSERT INTO [\_\_EFMigrationsHistory] ([MigrationId], [ProductVersion])

VALUES (N'20211118113118\_altCategoria', N'5.0.12');

GO

COMMIT;

GO

Evidências de testes:

Homem ao lado de tela de celular com publicação numa rede social

Descrição gerada automaticamente

Interface gráfica do usuário, Aplicativo

Descrição gerada automaticamente