

BLOGS

```
CREATE TABLE [dbo].[Blogs] (  
    [Id] INT IDENTITY (1, 1) NOT NULL,  
    [AuthorId] NVARCHAR (450) NULL,  
    [Title] NVARCHAR (MAX) NULL,  
    [Description] NVARCHAR (MAX) NULL  
);
```

```
CREATE NONCLUSTERED INDEX [IX_Blogs_AuthorId]  
ON [dbo].[Blogs]([AuthorId] ASC);
```

```
ALTER TABLE [dbo].[Blogs]  
ADD CONSTRAINT [PK_Blogs] PRIMARY KEY CLUSTERED ([Id] ASC);
```

```
ALTER TABLE [dbo].[Blogs]  
ADD CONSTRAINT [FK_Blogs_AspNetUsers_AuthorId] FOREIGN KEY ([AuthorId]) REFERENCES  
[dbo].[AspNetUsers] ([Id]);
```

POSTS

```
CREATE TABLE [dbo].[Posts] (  
    [Id] INT IDENTITY (1, 1) NOT NULL,  
    [AuthorId] NVARCHAR (450) NULL,  
    [Title] NVARCHAR (MAX) NULL,  
    [Text] NVARCHAR (MAX) NULL,  
    [BlogId] INT NULL,  
    [Created] DATETIME2 (7) NOT NULL,  
    [LastUpdated] DATETIME2 (7) NOT NULL,  
    [ProfilePicture] VARBINARY (MAX) NULL  
);
```

```
CREATE NONCLUSTERED INDEX [IX_Posts_AuthorId]  
ON [dbo].[Posts]([AuthorId] ASC);
```

```
CREATE NONCLUSTERED INDEX [IX_Posts_BlogId]  
ON [dbo].[Posts]([BlogId] ASC);
```

```
ALTER TABLE [dbo].[Posts]  
ADD CONSTRAINT [PK_Posts] PRIMARY KEY CLUSTERED ([Id] ASC);
```

```
ALTER TABLE [dbo].[Posts]  
ADD CONSTRAINT [FK_Posts_AspNetUsers_AuthorId] FOREIGN KEY ([AuthorId]) REFERENCES  
[dbo].[AspNetUsers] ([Id]);
```

```
ALTER TABLE [dbo].[Posts]  
ADD CONSTRAINT [FK_Posts_Blogs_BlogId] FOREIGN KEY ([BlogId]) REFERENCES [dbo].[Blogs] ([Id]);
```

LIKES

```
CREATE TABLE [dbo].[Likes] (  
    [Id] INT IDENTITY (1, 1) NOT NULL,  
    [AuthorId] NVARCHAR (450) NULL,  
    [PostId] INT NULL  
);
```

```
CREATE NONCLUSTERED INDEX [IX_Likes_AuthorId]  
ON [dbo].[Likes]([AuthorId] ASC);
```

```
CREATE NONCLUSTERED INDEX [IX_Likes_PostId]  
ON [dbo].[Likes]([PostId] ASC);
```

```
ALTER TABLE [dbo].[Likes]  
ADD CONSTRAINT [PK_Likes] PRIMARY KEY CLUSTERED ([Id] ASC);
```

```
ALTER TABLE [dbo].[Likes]  
ADD CONSTRAINT [FK_Likes_AspNetUsers_AuthorId] FOREIGN KEY ([AuthorId]) REFERENCES  
[dbo].[AspNetUsers] ([Id]);
```

```
ALTER TABLE [dbo].[Likes]  
ADD CONSTRAINT [FK_Likes_Posts_PostId] FOREIGN KEY ([PostId]) REFERENCES [dbo].[Posts] ([Id]);
```

COMMENTS

```
CREATE TABLE [dbo].[Comments] (  
    [Id] INT IDENTITY (1, 1) NOT NULL,  
    [AuthorId] NVARCHAR (450) NULL,  
    [Text] NVARCHAR (MAX) NULL,  
    [Created] DATETIME2 (7) NOT NULL,  
    [LastUpdated] DATETIME2 (7) NOT NULL,  
    [PostId] INT NULL  
);
```

```
CREATE NONCLUSTERED INDEX [IX_Comments_AuthorId]  
ON [dbo].[Comments]([AuthorId] ASC);
```

```
CREATE NONCLUSTERED INDEX [IX_Comments_PostId]  
ON [dbo].[Comments]([PostId] ASC);
```

```
ALTER TABLE [dbo].[Comments]  
ADD CONSTRAINT [PK_Comments] PRIMARY KEY CLUSTERED ([Id] ASC);
```

```
ALTER TABLE [dbo].[Comments]  
ADD CONSTRAINT [FK_Comments_AspNetUsers_AuthorId] FOREIGN KEY ([AuthorId]) REFERENCES  
[dbo].[AspNetUsers] ([Id]);
```

```
ALTER TABLE [dbo].[Comments]  
ADD CONSTRAINT [FK_Comments_Posts_PostId] FOREIGN KEY ([PostId]) REFERENCES [dbo].[Posts]  
([Id]);
```

POSTTAGS

```
CREATE TABLE [dbo].[PostTags] (  
    [PostId] INT NOT NULL,  
    [TagId] INT NOT NULL  
);
```

```
CREATE NONCLUSTERED INDEX [IX_PostTags_TagId]  
ON [dbo].[PostTags]([TagId] ASC);
```

```
ALTER TABLE [dbo].[PostTags]  
ADD CONSTRAINT [PK_PostTags] PRIMARY KEY CLUSTERED ([PostId] ASC, [TagId] ASC);
```

```
ALTER TABLE [dbo].[PostTags]  
ADD CONSTRAINT [FK_PostTags_Posts_PostId] FOREIGN KEY ([PostId]) REFERENCES [dbo].[Posts] ([Id])  
ON DELETE CASCADE;
```

```
ALTER TABLE [dbo].[PostTags]  
ADD CONSTRAINT [FK_PostTags_Tags_TagId] FOREIGN KEY ([TagId]) REFERENCES [dbo].[Tags] ([Id]) ON  
DELETE CASCADE;
```

TAGS

```
CREATE TABLE [dbo].[Tags] (  
    [Id] INT IDENTITY (1, 1) NOT NULL,  
    [Name] NVARCHAR (MAX) NULL  
);
```