

EYÜP DURAN - 19253060
FİKRET CANSEL - 19253078
DATABASE KODLARI

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CREATE DATABASE SocialMedia
GO
USE SocialMedia
GO
CREATE TABLE [dbo].[Users](
[Id] [int] IDENTITY(1,1) NOT NULL,
[UserName] [varchar](100) NOT NULL,
[Email] [varchar](100) NOT NULL,
[Password] [varchar](100) NOT NULL,
CONSTRAINT [PK_Users] PRIMARY KEY CLUSTERED
(
[Id] ASC
)WITH (PAD_INDEX = OFF, STATISTICS_NORECOMPUTE = OFF, IGNORE_DUP_KEY = OFF,
ALLOW_ROW_LOCKS = ON, ALLOW_PAGE_LOCKS = ON, OPTIMIZE_FOR_SEQUENTIAL_KEY = OFF) ON
[PRIMARY]
) ON [PRIMARY]
GO
CREATE TABLE [dbo].[AreasOfInterest](
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[Id] [int] IDENTITY(1,1) NOT NULL,
[Name] [varchar](100) NOT NULL,
CONSTRAINT [PK_AreasOfInterest] PRIMARY KEY CLUSTERED
(
[Id] ASC
)WITH (PAD_INDEX = OFF, STATISTICS_NORECOMPUTE = OFF, IGNORE_DUP_KEY = OFF,
ALLOW_ROW_LOCKS = ON, ALLOW_PAGE_LOCKS = ON, OPTIMIZE_FOR_SEQUENTIAL_KEY = OFF) ON
[PRIMARY]
) ON [PRIMARY]
GO
CREATE TABLE [dbo].[Posts](
[Id] [int] IDENTITY(1,1) NOT NULL,
[Text] [varchar](500) NOT NULL,
[PictureUrl] [varchar](100) NOT NULL,
[SendingDate] [date] NOT NULL,
[UserId] [int] NOT NULL,
[AreaOfInterestId] [int] NOT NULL,
CONSTRAINT [PK_Posts] PRIMARY KEY CLUSTERED
(
[Id] ASC
)WITH (PAD_INDEX = OFF, STATISTICS_NORECOMPUTE = OFF, IGNORE_DUP_KEY = OFF,
ALLOW_ROW_LOCKS = ON, ALLOW_PAGE_LOCKS = ON, OPTIMIZE_FOR_SEQUENTIAL_KEY = OFF) ON
[PRIMARY]
) ON [PRIMARY]
GO

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ALTER TABLE [dbo].[Posts] WITH CHECK ADD CONSTRAINT [FK_Posts_AreasOfInterest] FOREIGN  
KEY([AreaOfInterestId])  
REFERENCES [dbo].[AreasOfInterest] ([Id])  
GO  
ALTER TABLE [dbo].[Posts] CHECK CONSTRAINT [FK_Posts_AreasOfInterest]  
GO  
ALTER TABLE [dbo].[Posts] WITH CHECK ADD CONSTRAINT [FK_Posts_Users] FOREIGN KEY([UserId])  
REFERENCES [dbo].[Users] ([Id])  
GO  
ALTER TABLE [dbo].[Posts] CHECK CONSTRAINT [FK_Posts_Users]  
GO  
CREATE TABLE [dbo].[Cities](  
[Id] [int] IDENTITY(1,1) NOT NULL,  
[Name] [varchar](100) NOT NULL,  
PRIMARY KEY CLUSTERED  
(  
[Id] ASC  
)WITH (PAD_INDEX = OFF, STATISTICS_NORECOMPUTE = OFF, IGNORE_DUP_KEY = OFF,  
ALLOW_ROW_LOCKS = ON, ALLOW_PAGE_LOCKS = ON, OPTIMIZE_FOR_SEQUENTIAL_KEY = OFF) ON  
[PRIMARY]  
) ON [PRIMARY]  
GO
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CREATE TABLE [dbo].[Profiles](
[Id] [int] IDENTITY(1,1) NOT NULL,
[PictureUrl] [varchar](100) NULL,
[Gender] [varchar](50) NULL,
[UserId] [int] NOT NULL,
[CityId] [int] NULL,
CONSTRAINT [PK_Profiles] PRIMARY KEY CLUSTERED
(
[Id] ASC
)WITH (PAD_INDEX = OFF, STATISTICS_NORECOMPUTE = OFF, IGNORE_DUP_KEY = OFF,
ALLOW_ROW_LOCKS = ON, ALLOW_PAGE_LOCKS = ON, OPTIMIZE_FOR_SEQUENTIAL_KEY =
OFF) ON [PRIMARY],
UNIQUE NONCLUSTERED
(
[UserId] ASC
)WITH (PAD_INDEX = OFF, STATISTICS_NORECOMPUTE = OFF, IGNORE_DUP_KEY = OFF,
ALLOW_ROW_LOCKS = ON, ALLOW_PAGE_LOCKS = ON, OPTIMIZE_FOR_SEQUENTIAL_KEY =
OFF) ON [PRIMARY]
) ON [PRIMARY]
GO
ALTER TABLE [dbo].[Profiles] WITH CHECK ADD FOREIGN KEY([CityId])
REFERENCES [dbo].[Cities] ([Id])
GO
ALTER TABLE [dbo].[Profiles] WITH CHECK ADD FOREIGN KEY([UserId])
REFERENCES [dbo].[Users] ([Id])
GO
CREATE TABLE [dbo].[Matches](
[User1Id] [int] NOT NULL,
[User2Id] [int] NOT NULL,
UNIQUE NONCLUSTERED
(
[User1Id] ASC,
[User2Id] ASC
)WITH (PAD_INDEX = OFF, STATISTICS_NORECOMPUTE = OFF, IGNORE_DUP_KEY = OFF,
ALLOW_ROW_LOCKS = ON, ALLOW_PAGE_LOCKS = ON, OPTIMIZE_FOR_SEQUENTIAL_KEY = OFF) ON
[PRIMARY]
) ON [PRIMARY]
GO

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ALTER TABLE [dbo].[Matches] WITH CHECK ADD CONSTRAINT [FK__Matches__User1Id__44CA3770]
FOREIGN KEY([User1Id])
REFERENCES [dbo].[Users] ([Id])
GO
ALTER TABLE [dbo].[Matches] CHECK CONSTRAINT [FK__Matches__User1Id__44CA3770]
GO
ALTER TABLE [dbo].[Matches] WITH CHECK ADD CONSTRAINT [FK__Matches__User2Id__45BE5BA9]
FOREIGN KEY([User2Id])
REFERENCES [dbo].[Users] ([Id])
GO
ALTER TABLE [dbo].[Matches] CHECK CONSTRAINT [FK__Matches__User2Id__45BE5BA9]
GO
CREATE TABLE [dbo].[OperationClaims](
[Id] [int] IDENTITY(1,1) NOT NULL,
[Name] [varchar](250) NOT NULL,
PRIMARY KEY CLUSTERED
(
[Id] ASC
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)WITH (PAD_INDEX = OFF, STATISTICS_NORECOMPUTE = OFF, IGNORE_DUP_KEY = OFF,
ALLOW_ROW_LOCKS = ON, ALLOW_PAGE_LOCKS = ON, OPTIMIZE_FOR_SEQUENTIAL_KEY = OFF) ON
[PRIMARY]
) ON [PRIMARY]
GO
CREATE TABLE [dbo].[UserOperationClaims](
[UserId] [int] NOT NULL,
[OperationClaimId] [int] NOT NULL,
CONSTRAINT [UQ__UserOper__446BDAEC08CD4805] UNIQUE NONCLUSTERED
(
[UserId] ASC,
[OperationClaimId] ASC
)WITH (PAD_INDEX = OFF, STATISTICS_NORECOMPUTE = OFF, IGNORE_DUP_KEY = OFF,
ALLOW_ROW_LOCKS = ON, ALLOW_PAGE_LOCKS = ON, OPTIMIZE_FOR_SEQUENTIAL_KEY = OFF) ON
[PRIMARY]
) ON [PRIMARY]
GO
ALTER TABLE [dbo].[UserOperationClaims] WITH CHECK ADD CONSTRAINT
[FK__UserOpera__Opera__797309D9] FOREIGN KEY([OperationClaimId])
REFERENCES [dbo].[OperationClaims] ([Id])
GO
ALTER TABLE [dbo].[UserOperationClaims] CHECK CONSTRAINT
[FK__UserOpera__Opera__797309D9]
GO

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ALTER TABLE [dbo].[UserOperationClaims] WITH CHECK ADD CONSTRAINT
[FK__UserOpera__Userl__787EE5A0] FOREIGN KEY([UserId])
REFERENCES [dbo].[Users] ([Id])
GO
ALTER TABLE [dbo].[UserOperationClaims] CHECK CONSTRAINT [FK__UserOpera__Userl__787EE5A0]
GO
CREATE TABLE [dbo].[UserAreaOfInterest](
[UserId] [int] NOT NULL,
[AreaofInterestId] [int] NOT NULL,
CONSTRAINT [UQ__UserArea__BB836C39147A383A] UNIQUE NONCLUSTERED
(
[UserId] ASC,
[AreaofInterestId] ASC
)WITH (PAD_INDEX = OFF, STATISTICS_NORECOMPUTE = OFF, IGNORE_DUP_KEY = OFF,
ALLOW_ROW_LOCKS = ON, ALLOW_PAGE_LOCKS = ON, OPTIMIZE_FOR_SEQUENTIAL_KEY = OFF) ON
[PRIMARY]
) ON [PRIMARY]
GO
ALTER TABLE [dbo].[UserAreaOfInterest] WITH CHECK ADD CONSTRAINT
[FK__UserAreaO__Areao__04E4BC85] FOREIGN KEY([AreaofInterestId])
REFERENCES [dbo].[AreasOfInterest] ([Id])
GO
ALTER TABLE [dbo].[UserAreaOfInterest] CHECK CONSTRAINT [FK__UserAreaO__Areao__04E4BC85]
GO

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ALTER TABLE [dbo].[UserAreaOfInterest] WITH CHECK ADD CONSTRAINT
[FK__UserAreaO__Userl__03F0984C] FOREIGN KEY([UserId])
REFERENCES [dbo].[Users] ([Id])
GO
ALTER TABLE [dbo].[UserAreaOfInterest] CHECK CONSTRAINT [FK__UserAreaO__Userl__03F0984C]
GO
CREATE TABLE [dbo].[PostLikes](
[Id] [int] IDENTITY(1,1) NOT NULL,
[UserId] [int] NOT NULL,
[PostId] [int] NOT NULL,
CONSTRAINT [PK_PostLikes] PRIMARY KEY CLUSTERED
(
[Id] ASC
)WITH (PAD_INDEX = OFF, STATISTICS_NORECOMPUTE = OFF, IGNORE_DUP_KEY = OFF,
ALLOW_ROW_LOCKS = ON, ALLOW_PAGE_LOCKS = ON, OPTIMIZE_FOR_SEQUENTIAL_KEY = OFF) ON
[PRIMARY]
) ON [PRIMARY]
GO
ALTER TABLE [dbo].[PostLikes] WITH CHECK ADD CONSTRAINT [FK_PostLikes_Posts] FOREIGN
KEY([PostId])
REFERENCES [dbo].[Posts] ([Id])
GO
ALTER TABLE [dbo].[PostLikes] CHECK CONSTRAINT [FK_PostLikes_Posts]

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GO
ALTER TABLE [dbo].[PostLikes] WITH CHECK ADD CONSTRAINT [FK_PostLikes_Users] FOREIGN
KEY([UserId])
REFERENCES [dbo].[Users] ([Id])
GO
ALTER TABLE [dbo].[PostLikes] CHECK CONSTRAINT [FK_PostLikes_Users]
GO
CREATE TABLE [dbo].[Agendas](
[PostId] [int] NOT NULL,
[AreaOfInterestId] [int] NOT NULL,
UNIQUE NONCLUSTERED
(
[PostId] ASC,
[AreaOfInterestId] ASC
)WITH (PAD_INDEX = OFF, STATISTICS_NORECOMPUTE = OFF, IGNORE_DUP_KEY = OFF,
ALLOW_ROW_LOCKS = ON, ALLOW_PAGE_LOCKS = ON, OPTIMIZE_FOR_SEQUENTIAL_KEY = OFF) ON
[PRIMARY]
) ON [PRIMARY]
GO
ALTER TABLE [dbo].[Agendas] WITH CHECK ADD FOREIGN KEY([AreaOfInterestId])
REFERENCES [dbo].[AreasOfInterest] ([Id])
GO
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ALTER TABLE [dbo].[Agendas] WITH CHECK ADD CONSTRAINT [FK__Agendas__PostId__00200768]  
FOREIGN KEY([PostId])  
REFERENCES [dbo].[Posts] ([Id])  
GO  
ALTER TABLE [dbo].[Agendas] CHECK CONSTRAINT [FK__Agendas__PostId__00200768]
```