

MS-SQL Server

Case Study: DDL

- Create Database **EventDb** and create tables as per schema given below.

1. Add entity class **UserInfo** and add public properties:

Property Name	Type	Constraint
EmailId	varchar	PK
UserName	varchar	Not Null, Length: 1 to 50 char.
Role	varchar	Not Null, (Admin, Participant)-CHECK
Password	varchar	Not Null Length: 6 to 20 char

2. Add entity class **EventDetails** and add below public properties.

Property Name	Type	Constraint
EventId	int	PK
EventName	varchar	Not Null, Length: 1 to 50 char.
EventCategory	varchar	Not Null, Length: 1 to 50 char.
EventDate	datetime	Not Null
Description	varchar	Nullable
Status	varchar	Active or In-Active, CHECK

4. Add entity class **SpeakersDetails** and add below public properties.

Property Name	Type	Constraints
SpeakerId	int	PK
SpeakerName	varchar	Not Null, Length: 1 to 50 char.

5. Add entity class **SessionInfo** and add below public properties.

Property Name	Type	Constraints
SessionId	int	PK
EventId	int	Not Null (FK)
SessionTitle	varchar	Not Null, Length: 1 to 50 char.
SpeakerId	int	Not Null (FK)
Description	varchar	Nullable
SessionStart	datetime	Not Null (Time Slot)
SessionEnd	datetime	Not Null (Time Slot)
SessionUrl	varchar	

6. Add entity class **ParticipantEventDetails** and add below public properties.

Property Name	Type	Constraints
Id	int	(PK)
ParticipantEmailId	varchar	Not Null (FK)
EventId	int	Not Null (FK)
SessionId	Int	Not Null (FK)
IsAttended	bit	Yes or No, CHECK