**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 |