

DDL SCRIPTS

```
CREATE SCHEMA EchoEvents;  
SET SEARCH_PATH TO EchoEvents;
```

```
CREATE TABLE Users (  
  
    UserId char(10) PRIMARY KEY,  
    FirstName varchar(30),  
    LastName varchar(30),  
    Emailid varchar(30),  
    dob date,  
    ContactNo char (13),  
    Gender char(1),  
    Street varchar(30),  
    UPIN integer  
);
```

```
CREATE TABLE EventOrganisers (  
  
    OrganisationId char(5) PRIMARY KEY,  
    Organisation_Name varchar(30),  
    ContactNo char(13),  
    Emailid varchar(30)  
);
```

```
CREATE TABLE Venues (  
  
    VenueName varchar(30),  
    VPIN integer,  
    City varchar(30),  
    State varchar(30),  
    Street varchar(30),  
    Rent integer,  
    PRIMARY KEY(VenueName,VPIN)  
);
```

```
CREATE TABLE Events (  
  
    EventID char(5) PRIMARY KEY,  
    EventName varchar(50),  
    Event_Status varchar(20),
```

```

        Event_Type varchar(30),
        Event_Date date,
        Start_Time time,
        Duration time,
        OrganisationId char(5),
        VenueName varchar(30),
        VPIN integer,

        FOREIGN KEY(OrganisationId) REFERENCES EventOrganisers(OrganisationId),
        FOREIGN KEY(VenueName,VPIN) REFERENCES Venues(VenueName,vpin)
            ON DELETE SET NULL ON UPDATE CASCADE
    );

```

```

CREATE TABLE Movies (

    MovieID varchar(5) PRIMARY KEY,
    MovieName varchar(30),
    ReleaseDate date,
    Director varchar(30),
    Duration time

);

```

```

CREATE TABLE Tickets (

    TicketID char(12) PRIMARY KEY,
    Price integer,
    Category varchar(30),
    No_of_admits integer,
    SeatNo varchar (10),
    UserID char(10),
    EventID char(5),
    MovieID varchar(5),

    FOREIGN KEY(UserID) REFERENCES Users(UserId)
        ON DELETE CASCADE,
    FOREIGN KEY(MovieID) REFERENCES Movies(MovieID)
        ON DELETE CASCADE,
    FOREIGN KEY(EventID) REFERENCES Events(EventID)
        ON DELETE CASCADE,
    CONSTRAINT check_event_movie_null CHECK (
        (EventID IS NULL AND MovieID IS NOT NULL) OR
        (EventID IS NOT NULL AND MovieID IS NULL)
    )
);

```

);

CREATE TABLE Sponsors (

FirmName varchar(40),
ContactNo char(13),
Emailid varchar(30),
Street varchar(30),
City varchar(30),
State varchar(30),
SPIN integer,
PRIMARY KEY(FirmName,SPIN)

);

CREATE TABLE Sponsors (

EventId char(5),
FirmName varchar(40),
SPIN integer,

PRIMARY KEY(EventId,FirmName),
FOREIGN KEY(EventId) REFERENCES Events(EventId)
ON DELETE CASCADE,
FOREIGN KEY(FirmName,SPIN) REFERENCES Sponsors(FirmName,SPIN)
ON UPDATE CASCADE

);

CREATE TABLE Payments (

TransactionId char(12) PRIMARY KEY,
Date_of_Payment date,
Payment_Mode varchar(20),
Time time,
TotalAmt bigint,
TicketID char(12),

FOREIGN KEY(TicketID) REFERENCES Tickets(TicketID)
ON DELETE CASCADE

);

CREATE TABLE Theatres (

```
TheatreName varchar(30),
TPIN integer,
City varchar(30),
State varchar(30),
Street varchar(30),

PRIMARY KEY( TheatreName,TPIN)
```

```
);
```

```
CREATE TABLE Shows (
    Show_Date date,
    StartTime time,
    ScreenNo Integer,
    Language varchar(20),
    TheatreName varchar(30),
    TPIN integer,
    PRIMARY KEY( Show_Date, StartTime,ScreenNo,TheatreName,TPIN),
    FOREIGN KEY(TheatreName,TPIN) REFERENCES Theatres(TheatreName,TPIN)
        ON DELETE CASCADE ON UPDATE CASCADE
);
```

```
CREATE TABLE Screens (

    MovieID varchar(5),
    TheatreName varchar(30),
    TPIN integer,
    Show_Date date,
    StartTime time,
    ScreenNo Integer,

    PRIMARY KEY(MovieID,TheatreName,TPIN,Show_Date,StartTime,ScreenNo),
    FOREIGN KEY(MovieID) REFERENCES Movies(MovieID)
        ON DELETE CASCADE,
    FOREIGN KEY(Show_Date,StartTime,ScreenNo,TheatreName,TPIN) REFERENCES
        Shows(Show_Date,StartTime,ScreenNo,TheatreName,TPIN)
        ON DELETE CASCADE ON UPDATE CASCADE
);
```

```
CREATE TABLE EventReviews (
```

```
    UserId char(10),
    EventId char(5),
    Rating integer,
    Comments varchar(90),

    PRIMARY KEY( UserId,EventId),
    FOREIGN KEY(UserId) REFERENCES Users(UserId)
        ON DELETE CASCADE,
    FOREIGN KEY(EventId) REFERENCES Events(EventId)
        ON DELETE CASCADE
```

```
);
```

```
CREATE TABLE MovieReviews (
```

```
    UserId char(10),
    MovieID varchar(5),
    Rating integer,
    Comments varchar(90),

    PRIMARY KEY( UserId, MovieID),
    FOREIGN KEY(UserId) REFERENCES Users(UserId)
        ON DELETE CASCADE,
    FOREIGN KEY(MovieID) REFERENCES Movies(MovieID)
        ON DELETE CASCADE
```

```
);
```

```
CREATE TABLE Artists (
```

```
    ArtistName varchar(30),
    EventId char(5),
    PRIMARY KEY( ArtistName,EventId),
    FOREIGN KEY(EventId) REFERENCES Events(EventID)
        ON DELETE CASCADE
```

```
);
```

```
CREATE TABLE Actors (
```

```
    ActorName varchar(30),
    MovieID varchar(5),
    PRIMARY KEY( ActorName,MovieID),
    FOREIGN KEY(MovieID) REFERENCES Movies(MovieID)
```

```
);
```