

5.DDL STATEMENTS

```
CREATE TABLE CUSTOMER(  
    User_ID NUMERIC NOT NULL,  
    Password VARCHAR(50) NOT NULL,  
    Customer_ID NUMERIC NOT NULL PRIMARY KEY,  
    Customer_Name VARCHAR(50),  
    Email VARCHAR(100) NOT NULL UNIQUE,  
    Gender VARCHAR(6) NOT NULL,  
    ContactNo VARCHAR(12) NOT NULL UNIQUE,  
    DOB DATE NOT NULL,  
    HouseNo NUMERIC(5),  
    Street VARCHAR(50) NOT NULL,  
    Area VARCHAR(100) NOT NULL,  
    Pincode NUMERIC(6) NOT NULL,  
    City VARCHAR(30) NOT NULL  
);
```

```
CREATE TABLE SYSTEM_ADMIN(  
    ADMIN_ID NUMERIC NOT NULL PRIMARY KEY,  
    USER_ID NUMERIC NOT NULL,  
    PASSWORD VARCHAR(50) NOT NULL,  
    ADMIN_PASSWORD VARCHAR(50) NOT NULL  
);
```

```
CREATE TABLE DISCOUNT(  
    TICKET_ID NUMERIC NOT NULL,  
    DISCOUNT_ID NUMERIC NOT NULL,  
    PROMOCODE VARCHAR(20) NOT NULL,  
    PERCENTAGE FLOAT NOT NULL,  
    PRIMARY KEY(TICKET_ID,DISCOUNT_ID),  
);
```

```
CREATE TABLE CINEMA(  
    Cinema_ID NUMERIC NOT NULL PRIMARY KEY,  
    Admin_ID NUMERIC,  
    Cinema_Name TEXT NOT NULL,  
    City VARCHAR(50) NOT NULL,  
    Complex_No NUMERIC(10),  
    Area TEXT NOT NULL,  
    Pincode NUMERIC(6) NOT NULL,  
    FOREIGN KEY(Admin_ID) REFERENCES moviedb.SYSTEM_ADMIN(Admin_ID)  
);
```

```
CREATE TABLE SCREEN(  
    Screen_ID NUMERIC NOT NULL PRIMARY KEY,  
    Cinema_ID NUMERIC,  
    Screen_Name VARCHAR(10) NOT NULL,  
    Screen_No VARCHAR(10) NOT NULL,  
    Platinum_SeatCount NUMERIC(5),  
    Gold_SeatCount NUMERIC(5),  
    Silver_SeatCount NUMERIC(5),  
    FOREIGN KEY(Cinema_ID) REFERENCES moviedb.CINEMA(Cinema_ID)  
);
```

```
CREATE TABLE MOVIE(  
    Movie_ID NUMERIC NOT NULL PRIMARY KEY,  
    Screen_ID NUMERIC,  
    Movie_Name VARCHAR(50) NOT NULL,  
    Movie_Genre VARCHAR(50) NOT NULL,  
    Movie_Format VARCHAR(10) DEFAULT '2D',  
    Movie_Cast TEXT NOT NULL,  
    Movie_Language VARCHAR(50),  
    Movie_Rating NUMERIC,  
    Age_Rating NUMERIC NOT NULL,  
    FOREIGN KEY(Screen_ID) REFERENCES moviedb.SCREEN(Screen_ID)  
)
```

```
CREATE TABLE SHOW(  
    SHOW_ID NUMERIC NOT NULL PRIMARY KEY,  
    MOVIE_ID NUMERIC,  
    START_TIME TIME NOT NULL,  
    DATE DATE NOT NULL,  
    DURATION NUMERIC(5) NOT NULL,  
    FOREIGN KEY(MOVIE_ID) REFERENCES moviedb.MOVIE(MOVIE_ID)  
);
```

```
CREATE TABLE MANAGER(  
    USER_ID NUMERIC NOT NULL PRIMARY KEY,  
    CINEMA_ID NUMERIC,  
    PASSWORD VARCHAR(30) NOT NULL,  
    FOREIGN KEY(CINEMA_ID) REFERENCES moviedb.CINEMA(CINEMA_ID)  
);
```

```
CREATE TABLE TICKET(  
    Ticket_ID NUMERIC NOT NULL PRIMARY KEY,  
    Customer_ID NUMERIC,  
    Show_ID NUMERIC,  
    Seat_Class VARCHAR(10) NOT NULL,  
    Price NUMERIC(5) NOT NULL,  
    Seat_No NUMERIC(5) NOT NULL,  
    FOREIGN KEY (Customer_ID) REFERENCES moviedb.CUSTOMER(Customer_ID),  
    FOREIGN KEY (Show_ID) REFERENCES moviedb.SHOW(Show_ID)  
);
```

```
CREATE TABLE PAYMENT(  
    PAYMENT_ID NUMERIC NOT NULL PRIMARY KEY,  
    TICKET_ID NUMERIC,  
    PAYMENT_TYPE VARCHAR(20) NOT NULL,  
    AMOUNT NUMERIC(5) NOT NULL,  
    FOREIGN KEY(TICKET_ID) REFERENCES moviedb.TICKET(Ticket_ID)  
);
```