CREATE TABLE Payment\_Methods(

CreditCardNo INT PRIMARY KEY,

Bank\_Name VARCHAR(50)

);

CREATE TABLE USERS(

ID INT PRIMARY KEY NOT NULL,

NAME VARCHAR(50) NOT NULL,

AGE INT NOT NULL,

EmailID VARCHAR(50),

IFACTIVE BOOL NOT NULL,

SCREENS INT NOT NULL,

LOCATION VARCHAR(50),

CreditCardNo INT REFERENCES Payment\_Methods(CreditCardNo)

);

CREATE TABLE Director(

ID INT PRIMARY KEY NOT NULL,

NAME VARCHAR(50) NOT NULL,

DESCRIPTION TEXT NOT NULL,

EMAIL\_ID VARCHAR(50)

);

CREATE TABLE Actor(

ID INT PRIMARY KEY NOT NULL,

NAME VARCHAR(50) NOT NULL,

CONTACT VARCHAR(50) NOT NULL

);

CREATE TABLE Producer(

ID INT PRIMARY KEY NOT NULL,

NAME VARCHAR(50) NOT NULL,

DESCRIPTION TEXT NOT NULL,

EMAIL\_ID VARCHAR(50) NOT NULL

);

CREATE TABLE Genre(

NAME VARCHAR(50) PRIMARY KEY NOT NULL

);

CREATE TABLE Language(

NAME VARCHAR(50) PRIMARY KEY NOT NULL

);

CREATE TABLE MEDIA(

ID INT PRIMARY KEY NOT NULL,

NAME VARCHAR(50) NOT NULL,

DESCRIPTION text NOT NULL,

IMDb\_rating FLOAT NOT NULL,

Director\_ID INT REFERENCES Director(ID),

Producer\_ID INT REFERENCES Producer(ID),

Genre\_name VARCHAR(50) REFERENCES Genre(name),

Language\_name VARCHAR(50) REFERENCES Language(Name),

Duration TIME(0) NOT NULL,

Season INT,

Episode INT,

Release\_Date date

);

CREATE TABLE ACTOR\_MEDIA(

Media\_ID INT REFERENCES Media (ID),

Actor\_ID INT REFERENCES Actor(ID),

IMDb FLOAT ,

PRIMARY KEY (Media\_ID, Actor\_ID)

);

CREATE TABLE HISTORY(

Media\_ID INT REFERENCES Media (ID),

User\_ID INT REFERENCES Users(ID),

Watched\_at TIMESTAMP NOT NULL,

User\_rating FLOAT,

Left\_at TIME(0) NOT NULL,

Screen INT NOT NULL,

Watched\_for TIME(0) NOT NULL,

PRIMARY KEY (User\_ID, Screen, Watched\_at)

);

CREATE TABLE Wishlist(

Media\_ID INT REFERENCES Media (ID),

User\_ID INT REFERENCES Users(ID),

PRIMARY KEY (Media\_ID, User\_ID)

);

CREATE TABLE Session(

Screen INT NOT NULL,

User\_ID INT REFERENCES Users(ID),

Media\_ID INT REFERENCES Media (ID),

Watched\_At TIMESTAMP NOT NULL,

IP\_Address VARCHAR(50),

Device\_Type VARCHAR(50),

PRIMARY KEY (Screen, User\_ID)

);