create schema frame\_fluence;

set search\_path to frame\_fluence

--User table

CREATE TABLE users (

user\_ID INT PRIMARY KEY,

user\_name VARCHAR(50),

d\_o\_b DATE,

email VARCHAR(50),

nationality VARCHAR(100)

);

-- --Subscription table

CREATE TABLE subscriptions (

subs\_ID INT PRIMARY KEY,

subscription\_Plan VARCHAR(50),

amount INT,

duration INT

);

--Payment table

CREATE TABLE payment (

payment\_id INT PRIMARY KEY,

payment\_method VARCHAR(50),

amount\_paid INT,

date\_of\_pay DATE

);

--User-Subscribed\_Payment table

CREATE TABLE user\_subscribed\_payment (

user\_id INT,

subs\_id INT,

pay\_id INT,

renewal\_date DATE,

PRIMARY KEY (user\_id, subs\_id),

FOREIGN KEY (user\_id) REFERENCES users(user\_id),

FOREIGN KEY (subs\_id) REFERENCES subscriptions(subs\_id),

FOREIGN KEY (pay\_id) REFERENCES payment(payment\_id)

);

--User\_Device table

CREATE TABLE User\_device (

user\_id INT,

device\_id INT,

device\_type VARCHAR(50),

PRIMARY KEY (user\_id, device\_id),

FOREIGN KEY (user\_id) REFERENCES users(user\_id)

);

--Playlist table

CREATE TABLE playlist (

playlist\_id INT PRIMARY KEY,

user\_id INT,

playlist\_type VARCHAR(50),

last\_updated DATE,

creation\_date DATE,

FOREIGN KEY (user\_id) REFERENCES users(user\_id)

);

-- Content table

CREATE TABLE contents (

content\_id INT PRIMARY KEY,

title VARCHAR(50),

release\_date DATE,

access\_type VARCHAR(50),

age\_rating VARCHAR(50),

origin\_country VARCHAR(50)

);

-- Playlist\_Content table

CREATE TABLE playlist\_content (

playlist\_id INT,

content\_id INT,

PRIMARY KEY (playlist\_id, content\_id),

FOREIGN KEY (playlist\_id) REFERENCES playlist(playlist\_id),

FOREIGN KEY (content\_id) REFERENCES contents(content\_id)

);

--Series table

CREATE TABLE series (

content\_id INT PRIMARY KEY,

duration TIME,

FOREIGN KEY (content\_id) REFERENCES contents(content\_id)

);

-- Movies table

CREATE TABLE movies (

content\_id INT PRIMARY KEY,

duration TIME,

FOREIGN KEY (content\_id) REFERENCES contents(content\_id)

);

-- Episodes table

CREATE TABLE episodes (

episode\_no INT,

season\_no INT,

content\_id INT,

ep\_title VARCHAR(100),

description VARCHAR(500),

PRIMARY KEY (episode\_no, season\_no, content\_id),

FOREIGN KEY (content\_id) REFERENCES series(content\_id)

);

-- Watch\_history table

CREATE TABLE watch\_history (

user\_id INT,

content\_id INT,

duration TIME,

watch\_date DATE,

PRIMARY KEY (user\_id, content\_id, watch\_date),

FOREIGN KEY (user\_id) REFERENCES users(user\_id),

FOREIGN KEY (content\_id) REFERENCES contents(content\_id)

);

-- Ratings table

CREATE TABLE ratings (

user\_id INT,

content\_id INT,

ratings INT,

PRIMARY KEY (user\_id, content\_id),

FOREIGN KEY (user\_id) REFERENCES users(user\_id),

FOREIGN KEY (content\_id) REFERENCES contents(content\_id)

);

-- Content\_genre table

CREATE TABLE content\_genre (

content\_id INT,

genre VARCHAR(50),

PRIMARY KEY (content\_id, genre),

FOREIGN KEY (content\_id) REFERENCES contents(content\_id)

);

-- Metrics table

CREATE TABLE metrics (

content\_id INT PRIMARY KEY,

total\_revenue INT,

total\_Views INT,

budget INT,

FOREIGN KEY (content\_id) REFERENCES contents(content\_id)

);

-- Artist table

CREATE TABLE artist (

artist\_id INT PRIMARY KEY,

role\_played VARCHAR(100),

artist\_name VARCHAR(100)

);

-- Actor table

CREATE TABLE actor (

artist\_id INT PRIMARY KEY,

actor\_name VARCHAR(100),

gender VARCHAR(100),

dob DATE,

nationality VARCHAR(100),

FOREIGN KEY (artist\_id) REFERENCES artist(artist\_id)

);

--Non\_Actor table

CREATE TABLE non\_actor (

artist\_id INT PRIMARY KEY,

job VARCHAR(100),

gender VARCHAR(100),

dob DATE,

nationality VARCHAR(100),

FOREIGN KEY (artist\_id) REFERENCES artist(artist\_id)

);

-- Content\_Artist table

CREATE TABLE content\_artist (

content\_id INT,

artist\_id INT,

PRIMARY KEY (content\_id, artist\_id),

FOREIGN KEY (content\_id) REFERENCES contents(content\_id),

FOREIGN KEY (artist\_id) REFERENCES artist(artist\_id)

);

--Content\_language table

CREATE TABLE content\_language (

content\_id INT,

languages VARCHAR(50),

PRIMARY KEY (content\_id, languages),

FOREIGN KEY (content\_id) REFERENCES contents(content\_id)

);