CREATE TABLE Users (

UserID NUMBER PRIMARY KEY,

UserName VARCHAR2(100),

Email VARCHAR2(100),

Password VARCHAR2(100)

);

CREATE TABLE Movies (

MovieID NUMBER PRIMARY KEY,

MovieName VARCHAR2(200),

ReleaseYear NUMBER,

MovieDuration NUMBER,

Synopsis VARCHAR2(1000)

);

CREATE TABLE MovieActors (

ActorID NUMBER PRIMARY KEY,

ActorName VARCHAR2(100)

);

CREATE TABLE Directors (

DirectorID NUMBER PRIMARY KEY,

DirectorName VARCHAR2(100)

);

CREATE TABLE MovieCast (

MovieID NUMBER,

ActorID NUMBER,

DirectorID NUMBER,

PRIMARY KEY (MovieID, ActorID, DirectorID),

FOREIGN KEY (MovieID) REFERENCES Movies(MovieID),

FOREIGN KEY (ActorID) REFERENCES MovieActors(ActorID),

FOREIGN KEY (DirectorID) REFERENCES Directors(DirectorID)

);

CREATE TABLE MovieGenre (

MovieID NUMBER,

Genre VARCHAR2(50),

PRIMARY KEY (MovieID, Genre),

FOREIGN KEY (MovieID) REFERENCES Movies(MovieID)

);

CREATE TABLE Ratings (

MovieID NUMBER,

UserID NUMBER,

Rating NUMBER CHECK (Rating >= 0 AND Rating <= 10),

PRIMARY KEY (MovieID, UserID),

FOREIGN KEY (MovieID) REFERENCES Movies(MovieID),

FOREIGN KEY (UserID) REFERENCES Users(UserID)

);

CREATE TABLE Reviews (

MovieID NUMBER,

UserID NUMBER,

Review VARCHAR2(1000),

PRIMARY KEY (MovieID, UserID),

FOREIGN KEY (MovieID) REFERENCES Movies(MovieID),

FOREIGN KEY (UserID) REFERENCES Users(UserID)

);

CREATE TABLE WatchLists (

WatchListID NUMBER PRIMARY KEY,

UserID NUMBER,

FOREIGN KEY (UserID) REFERENCES Users(UserID)

);

CREATE TABLE UserWatchLists (

WatchListID NUMBER,

MovieID NUMBER,

PRIMARY KEY (WatchListID, MovieID),

FOREIGN KEY (WatchListID) REFERENCES WatchLists(WatchListID),

FOREIGN KEY (MovieID) REFERENCES Movies(MovieID)

);

INSERT INTO Users VALUES (1, 'Alice', 'alice@example.com', 'password123');

INSERT INTO Users VALUES (2, 'Bob', 'bob@example.com', 'qwerty456');

INSERT INTO Users VALUES (3, 'Charlie', 'charlie@example.com', 'abc123xyz');

INSERT INTO Movies VALUES (101, 'The Great Adventure', 2020, 120, 'An epic journey through the unknown.');

INSERT INTO Movies VALUES (102, 'Mystery Manor', 2021, 110, 'A detective unravels secrets in an old mansion.');

INSERT INTO Movies VALUES (103, 'Space Odyssey', 2022, 150, 'Humanity ventures beyond the stars.');

INSERT INTO MovieActors VALUES (201, 'Emma Watson');

INSERT INTO MovieActors VALUES (202, 'Chris Evans');

INSERT INTO MovieActors VALUES (203, 'Zendaya');

INSERT INTO Directors VALUES (301, 'Christopher Nolan');

INSERT INTO Directors VALUES (302, 'Greta Gerwig');

INSERT INTO MovieCast VALUES (101, 201, 301);

INSERT INTO MovieCast VALUES (102, 202, 302);

INSERT INTO MovieCast VALUES (103, 203, 301);

INSERT INTO MovieGenre VALUES (101, 'Adventure');

INSERT INTO MovieGenre VALUES (101, 'Fantasy');

INSERT INTO MovieGenre VALUES (102, 'Mystery');

INSERT INTO MovieGenre VALUES (103, 'Sci-Fi');

INSERT INTO MovieGenre VALUES (103, 'Thriller');

INSERT INTO Ratings VALUES (101, 1, 8.5);

INSERT INTO Ratings VALUES (102, 2, 9.0);

INSERT INTO Ratings VALUES (103, 3, 7.8);

INSERT INTO Ratings VALUES (101, 2, 8.0);

INSERT INTO Reviews VALUES (101, 1, 'Loved the visuals and story!');

INSERT INTO Reviews VALUES (102, 2, 'Fantastic plot and acting.');

INSERT INTO Reviews VALUES (103, 3, 'Mind-blowing experience!');

INSERT INTO WatchLists VALUES (401, 1);

INSERT INTO WatchLists VALUES (402, 2);

INSERT INTO UserWatchLists VALUES (401, 101);

INSERT INTO UserWatchLists VALUES (401, 103);

INSERT INTO UserWatchLists VALUES (402, 102);