* Diagram, schematic

  Description automatically generatedERD:
* Diagram

  Description automatically generatedSchema:
* Tables:

CREATE TABLE admins (

adminID number(11) NOT NULL primary key,

adminName varchar(25) NOT NULL,

email varchar(25) NOT NULL,

pass varchar(25) NOT NULL,

roles varchar(20) NOT NULL

);

----------------------------------------------------------

CREATE TABLE Category (

categoryID number(11) primary key,

categoryName varchar(25) NOT NULL

);

----------------------------------------------------------

CREATE TABLE movie (

movieID number(11) primary key,

title varchar(30) NOT NULL,

description varchar(30) NOT NULL,

categoryID references Category(categoryID),

duration varchar(25) NOT NULL

);

----------------------------------------------------------

CREATE TABLE shows (

showID number(11) primary key,

title varchar(25) NOT NULL,

description varchar(25) NOT NULL,

duration number(11) NOT NULL,

categoryID references category(categoryID)

);

----------------------------------------------------------

CREATE TABLE users (

userID number(30) primary key,

userName varchar(30) NOT NULL,

pass varchar(30) NOT NULL,

email varchar(30) NOT NULL,

phoneNumber number(11) NOT NULL,

creditNumber number(11) NOT NULL,

image varchar(25) NOT NULL,

subEndDate date NOT NULL

);

----------------------------------------------------------

CREATE TABLE devices (

id number(11) NOT NULL,

deviceType varchar(25) NOT NULL,

USERID references USERS(USERID)

);

----------------------------------------------------------

CREATE TABLE favourites (

id number(11) primary key,

name varchar(25) NOT NULL,

USERID references USERS(USERID),

MOVIEID references MOVIE(MOVIEID),

SHOWID references SHOWS(SHOWID)

);

----------------------------------------------------------

CREATE TABLE history (

id number(11) primary key,

name varchar(25) NOT NULL,

USERID references USERS(USERID)

);

----------------------------------------------------------

CREATE TABLE moviehistory (

id number(11) primary key,

ADMINID references ADMINS(ADMINID),

MOVIEID references MOVIE(MOVIEID),

ddate date NOT NULL

);

----------------------------------------------------------

CREATE TABLE payment (

id number(11) primary key,

cost number(25) NOT NULL,

ddate date NOT NULL,

USERID references USERS(USERID)

);

----------------------------------------------------------

CREATE TABLE recommendations (

id number(11) primary key,

MOVIEID references MOVIE(MOVIEID),

SHOWID references SHOWS(SHOWID),

USERID references USERS(USERID)

);

CREATE TABLE showshistory (

id number(11) primary key,

SHOWID references SHOWS(SHOWID),

ADMINID references ADMINS(ADMINID),

ddate date NOT NULL

);

----------------------------------------------------------

CREATE TABLE subscriptions (

id number(11) primary key,

type varchar(25) NOT NULL,

startDate date NOT NULL,

EndDate date NOT NULL,

USERID references USERS(USERID)

);

----------------------------------------------------------

CREATE TABLE useractivity (

id number(11) primary key,

type varchar(25) NOT NULL,

USERID references USERS(USERID)

);

----------------------------------------------------------

INSERT INTO admins(adminid, adminname, email, pass,roles)

VALUES(1,'Mariam','mariam@gmail.com','1234','AddMovies');

----------------------------------------------------------

INSERT INTO CATEGORY(categoryid, categoryname)

VALUES(1,'fantasy');

----------------------------------------------------------

INSERT INTO CATEGORY(categoryid, categoryname)

VALUES(2,'Mystery');

INSERT INTO movie(movieid, title, description, duration, categoryid)

VALUES(1,'Harry Potter','..','2:32',1);

----------------------------------------------------------

INSERT INTO shows(showid, title, description, duration, categoryid)

VALUES(1,'Sherlock Holmes','..',4,2);

----------------------------------------------------------

INSERT INTO USERS(userid, username, email, pass, image, subenddate, creditnumber, phonenumber)

VALUES(1,'Mariam','mariam@gmail.com','12345','..','14-APR-2024',123,011);

----------------------------------------------------------

INSERT INTO devices(id, devicetype, userid)

VALUES(1,'Laptop', 1);

----------------------------------------------------------

INSERT INTO favourites(id, name, movieid, showid, userid)

VALUES(1, 'MyList', 1,1,1);

----------------------------------------------------------

INSERT INTO history(id, name, userid)

VALUES(1,'..',1);

----------------------------------------------------------

INSERT INTO moviehistory(id, adminid, ddate, movieid)

VALUES(1,1,'22-MAR-2003',1);

----------------------------------------------------------

INSERT INTO payment(id, userid, ddate, cost)

VALUES(1,1,'22-MAY-2023',100);

----------------------------------------------------------

INSERT INTO recommendations(id, movieid, showid, userid)

VALUES(1,1,1,1);

----------------------------------------------------------

INSERT INTO showshistory(id, adminid, ddate, showid)

VALUES(1,1,'09-JAN-2013',1);

----------------------------------------------------------

INSERT INTO subscriptions(id, startdate, enddate, userid, type)

VALUES(1,'14-MAR-2024','14-APR-2024',1,'Monthly');

----------------------------------------------------------

INSERT INTO useractivity(id, type, userid)

VALUES(1,'Online',1);

----------------------------------------------------------

COMMIT;

* Stored Procedures:

create or replace procedure GetFilmID (filmID out number,filmName in VARCHAR2(22)) as begin select movieID into filmID from movie WHERE title=filmName ; end; COMMIT;

create or replace procedure GetmaxID (RID out number) as begin select max(id) into RID from favourites; end;