Baza de date pentru Netflix

Tema 3

Mincu Adrian-Lucian

grupa 232

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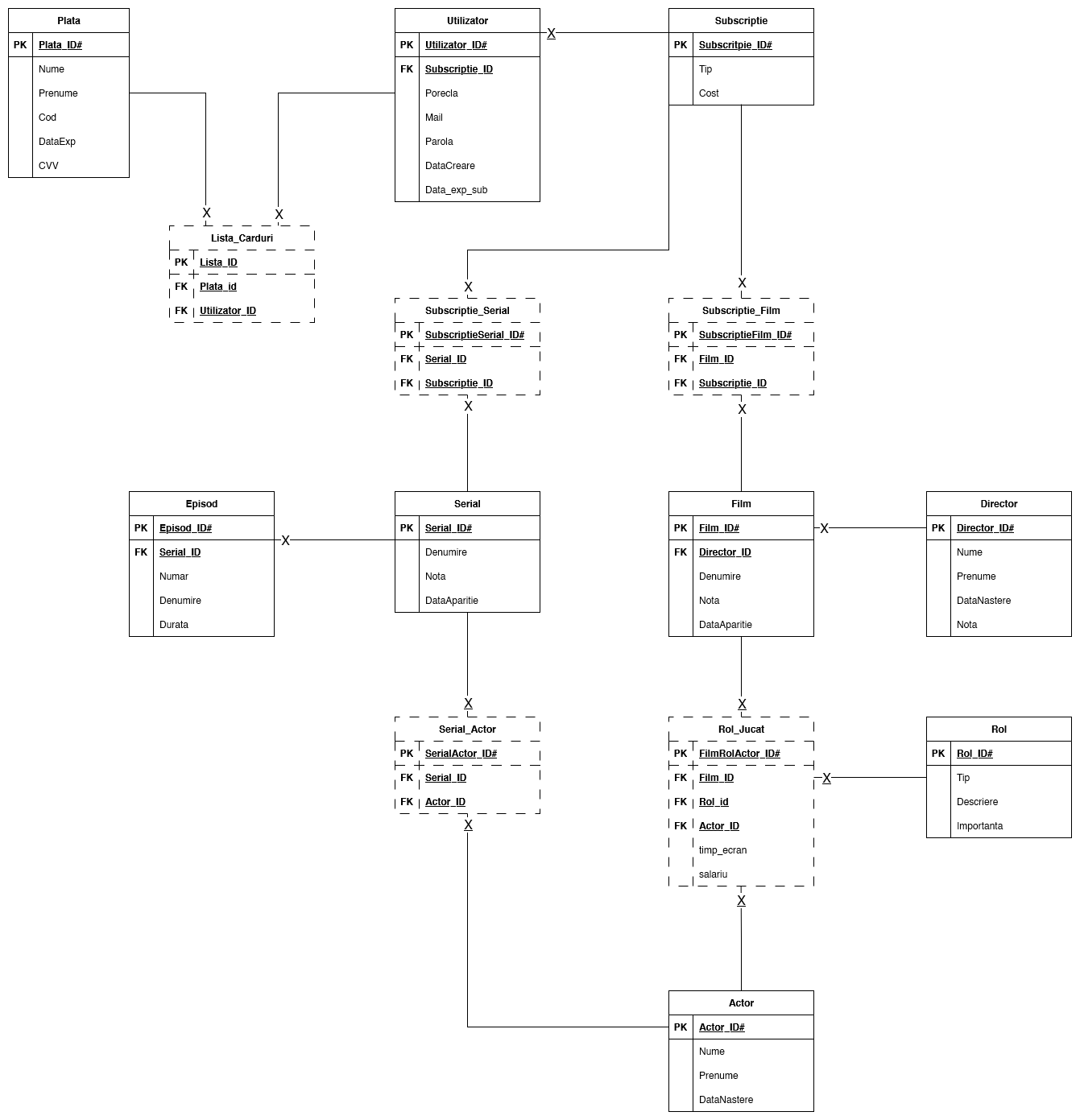
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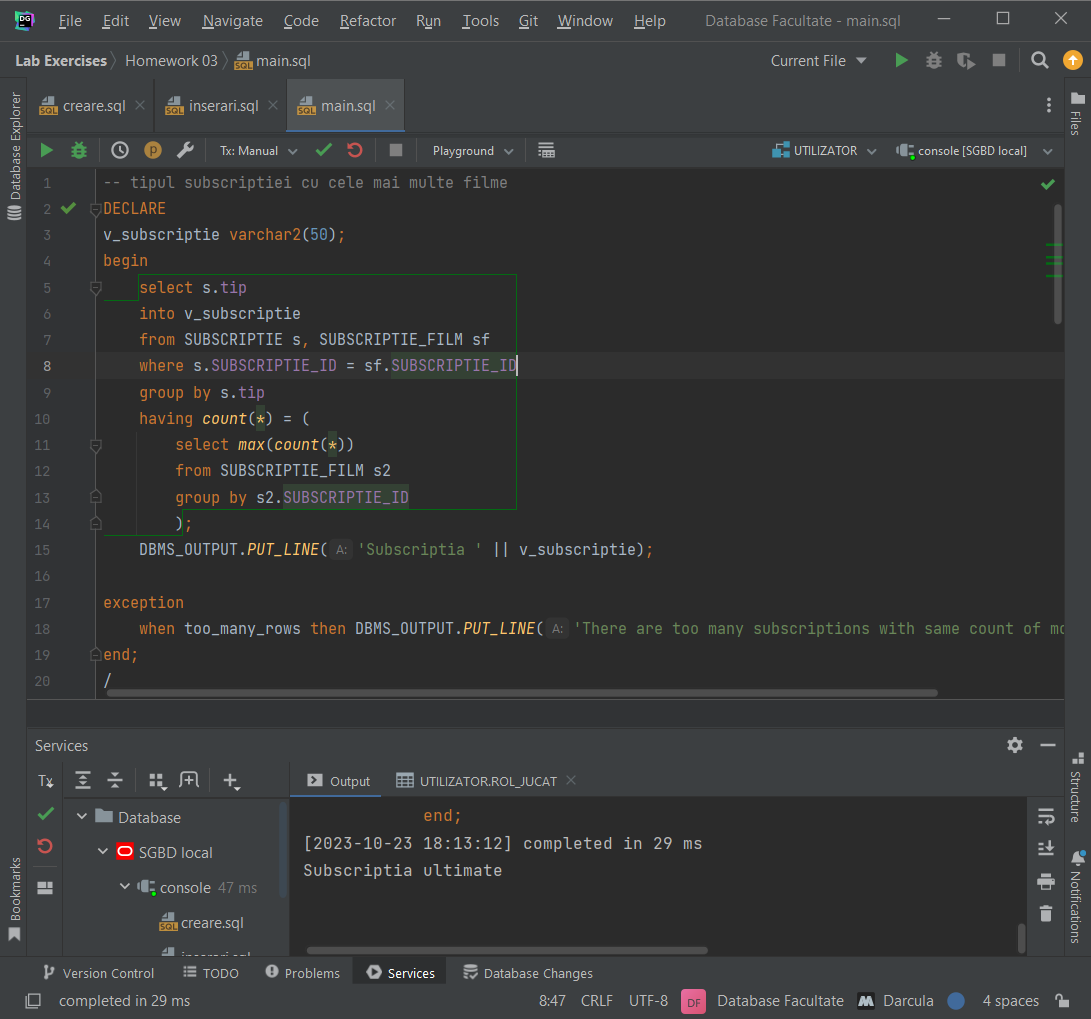
# Diagrama conceptuală



# Exerciții

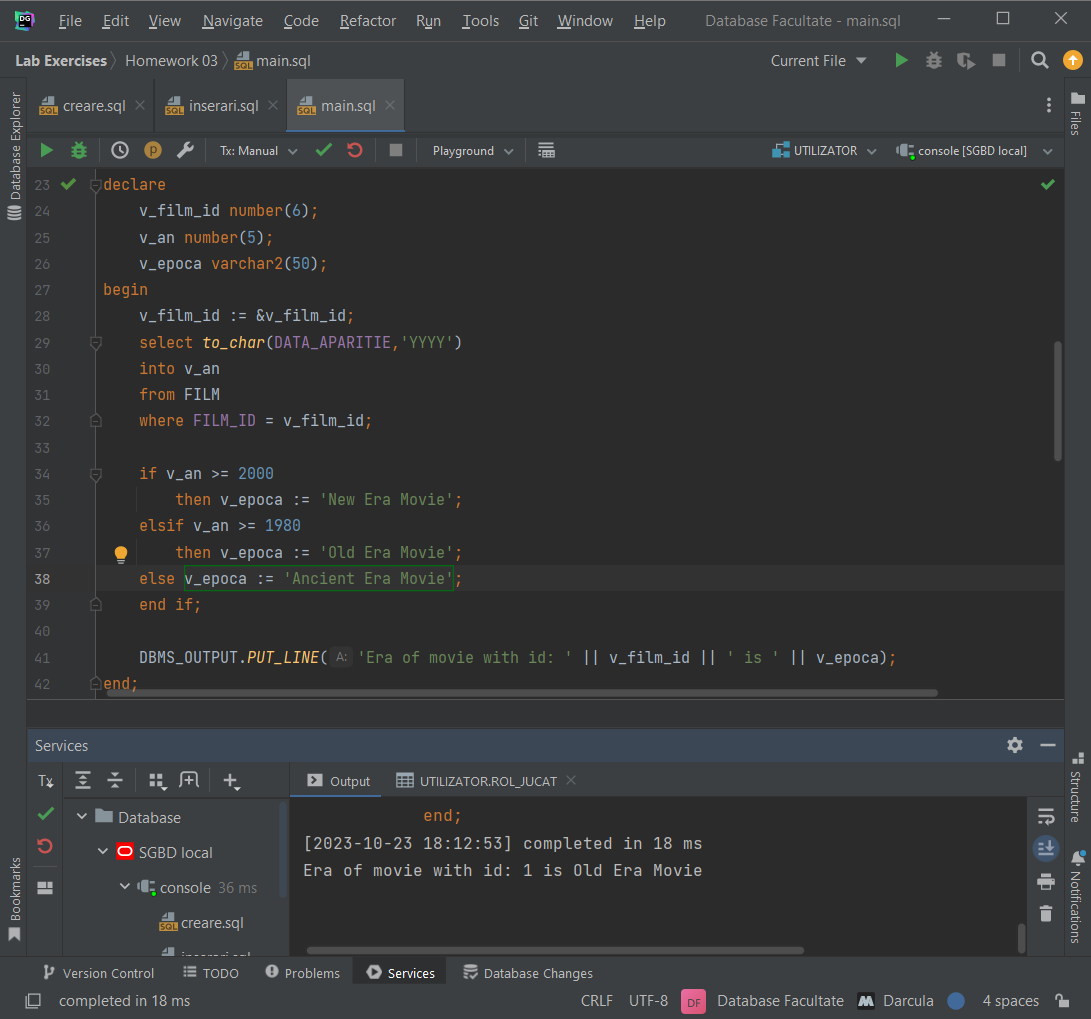
## Ex. 5

-- tipul subscriptiei cu cele mai multe filme  
DECLARE  
v\_subscriptie varchar2(50);  
begin  
 select s.tip  
 into v\_subscriptie  
 from SUBSCRIPTIE s, SUBSCRIPTIE\_FILM sf  
 where s.SUBSCRIPTIE\_ID = sf.SUBSCRIPTIE\_ID  
 group by s.tip  
 having *count*(\*) = (  
 select *max*(*count*(\*))  
 from SUBSCRIPTIE\_FILM s2  
 group by s2.SUBSCRIPTIE\_ID  
 );  
 DBMS\_OUTPUT.*PUT\_LINE*('Subscriptia ' || v\_subscriptie);  
  
exception  
 when too\_many\_rows then DBMS\_OUTPUT.*PUT\_LINE*('There are too many subscriptions with same count of movies');  
end;  
/



## Ex. 7

-- determinare epoca filmului dat ca id de la tastatura  
declare  
 v\_film\_id number(6);  
 v\_an number(5);  
 v\_epoca varchar2(50);  
begin  
 v\_film\_id := &v\_film\_id;  
 select *to\_char*(DATA\_APARITIE,'YYYY')  
 into v\_an  
 from FILM  
 where FILM\_ID = v\_film\_id;  
  
 if v\_an >= 2000  
 then v\_epoca := 'New Era Movie';  
 elsif v\_an >= 1980  
 then v\_epoca := 'Old Era Movie';  
 else v\_epoca := 'Ancient Era Movie';  
 end if;  
  
 DBMS\_OUTPUT.*PUT\_LINE*('Era of movie with id: ' || v\_film\_id || ' is ' || v\_epoca);  
end;  
/



## Ex. 9

-- cod actor, film , si un bonus si sa se mareasca salariul cu noul bonus  
-- sa se mute actorul in filmul nou cu salariul marit cu bonusul dat  
-- daca a mers sa se afiseze "Actualizare realizata" altfel "Nu exista un actor cu acest cod"  
DEFINE v\_actor\_id = 19  
DEFINE v\_film\_id = 1  
DEFINE v\_bonus = 1000  
declare  
 v\_actor\_id ACTOR.ACTOR\_ID%type := &v\_actor\_id;  
 v\_film\_id FILM.FILM\_ID%type := &v\_film\_id;  
 v\_bonus NUMBER(6) := &v\_bonus;  
 v\_rol\_jucat\_id ROL\_JUCAT.FILM\_ROL\_ACTOR\_ID%type;  
begin  
 select FILM\_ROL\_ACTOR\_ID  
 into v\_rol\_jucat\_id  
 from ROL\_JUCAT  
 where FILM\_ID = v\_film\_id and ACTOR\_ID = v\_actor\_id;  
  
 update ROL\_JUCAT  
 set ACTOR\_ID = v\_actor\_id,  
 SALARIU = SALARIU + v\_bonus  
 where FILM\_ROL\_ACTOR\_ID = v\_rol\_jucat\_id;  
 if sql%rowcount = 0 then DBMS\_OUTPUT.*PUT\_LINE*('Nu exista un actor cu acest id');  
 else DBMS\_OUTPUT.*PUT\_LINE*('Actualizare realizata');  
 end if;  
  
exception  
 when no\_data\_found then DBMS\_OUTPUT.*PUT\_LINE*('Nu au fost gasite date');  
end;  
/

