Baza de date pentru Netflix

Tema 8

Mincu Adrian-Lucian

grupa 232

Cuprins

Contents

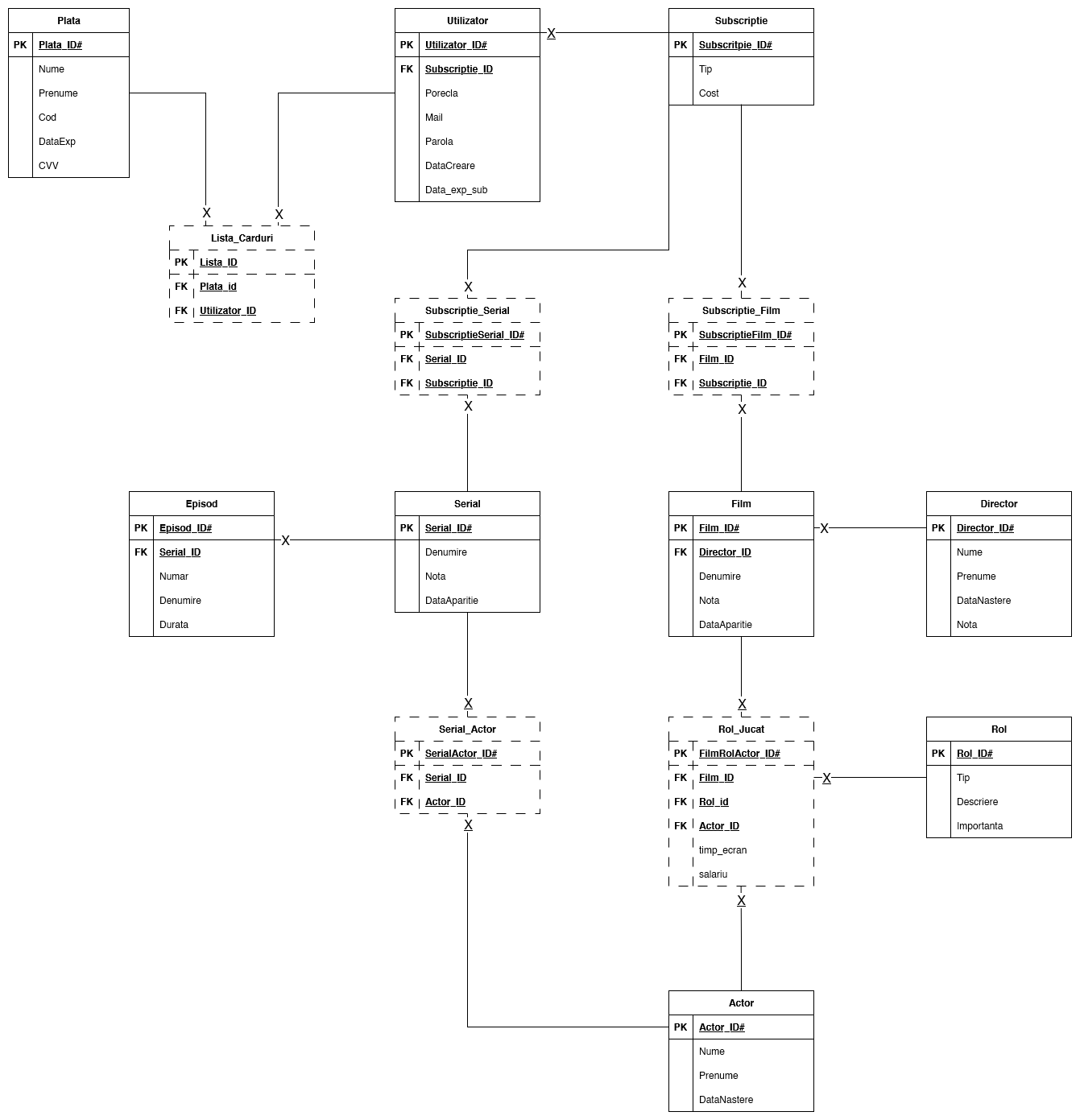
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# 

# Diagrama conceptuală



# Exercițiul 4

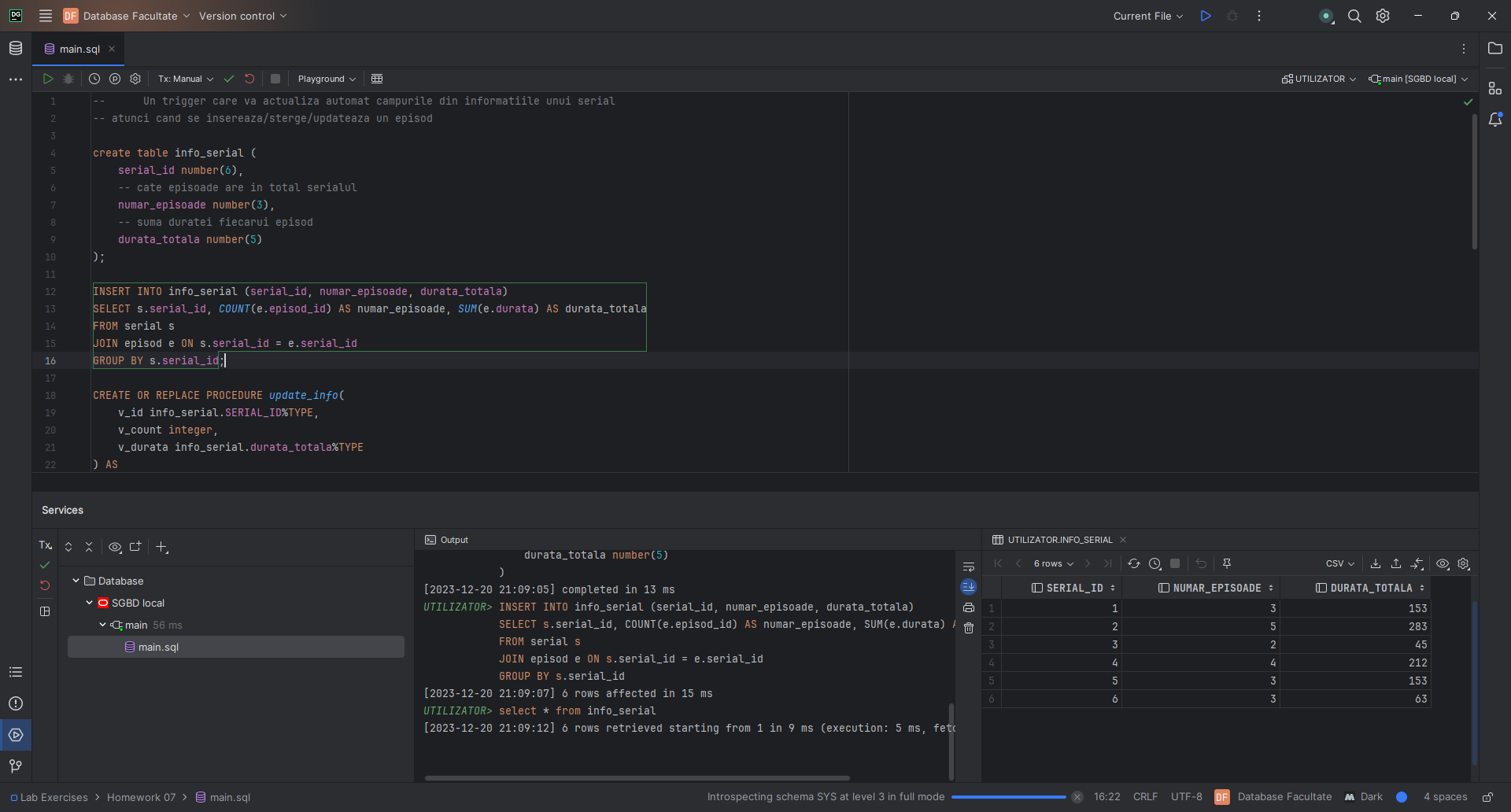
## Cerinta

Sa se creeze un trigger care va actualiza automat campurile din informatiile unui serial atunci cand se insereaza/sterge/updateaza un episod

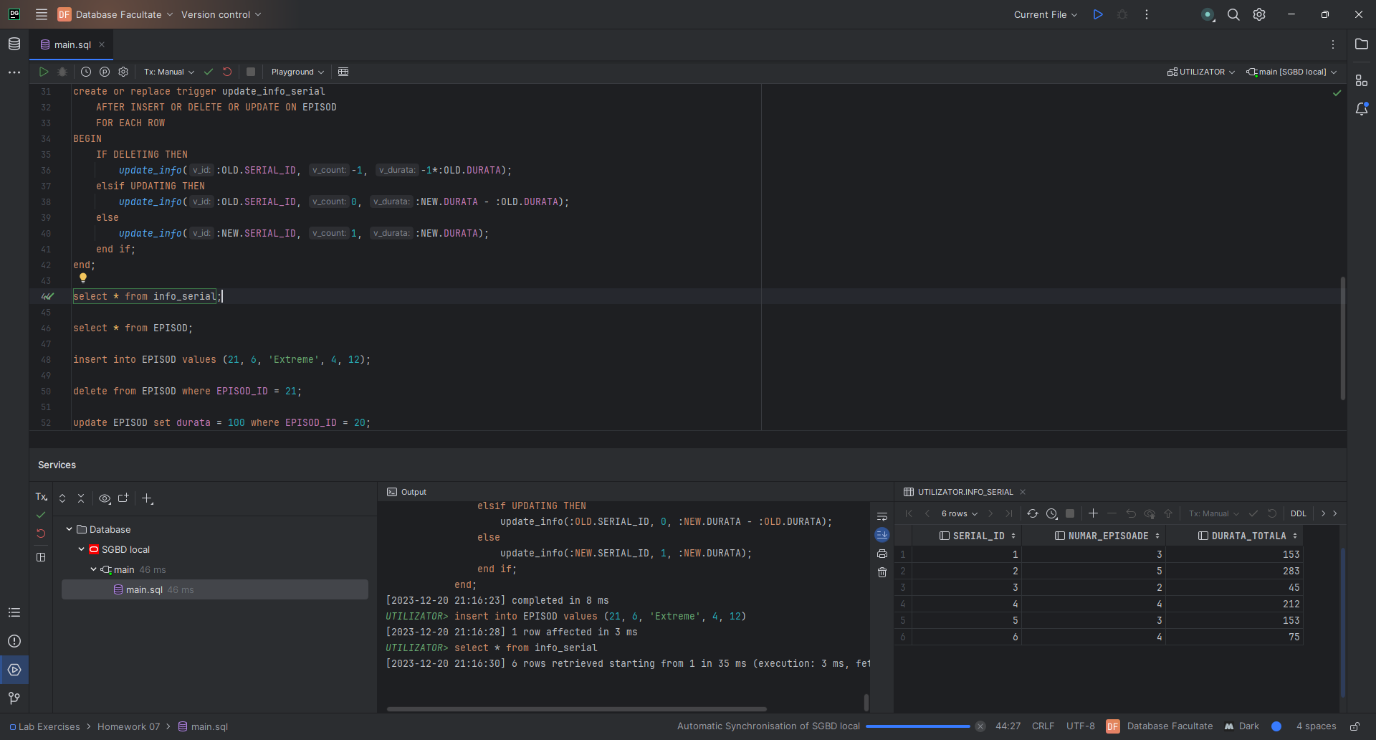
* Table de informatii serial:

create table info\_serial (  
 serial\_id number(6),  
 -- cate episoade are in total serialul  
 numar\_episoade number(3),  
 -- suma duratei fiecarui episod  
 durata\_totala number(5)  
);

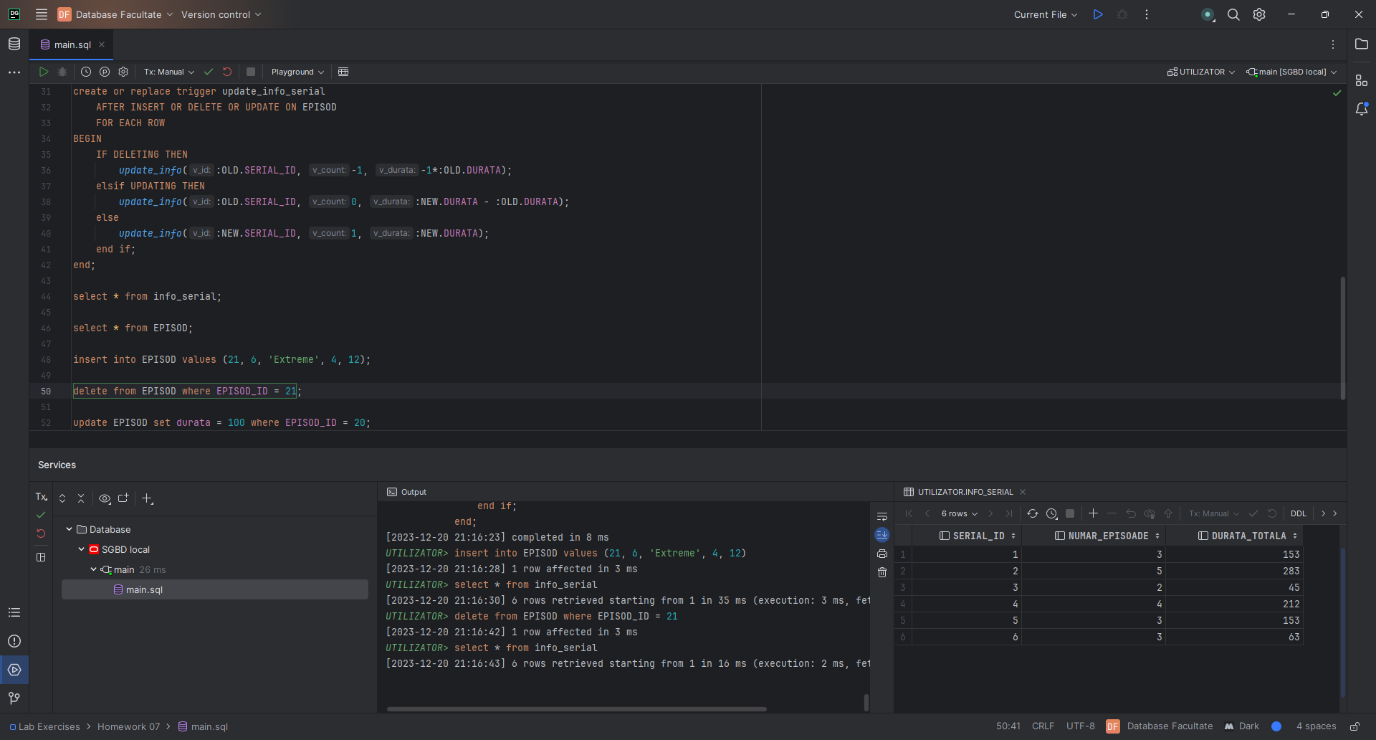
* Cod:
* INSERT INTO info\_serial (serial\_id, numar\_episoade, durata\_totala)  
  SELECT s.serial\_id, *COUNT*(e.episod\_id) AS numar\_episoade, *SUM*(e.durata) AS durata\_totala  
  FROM serial s  
  JOIN episod e ON s.serial\_id = e.serial\_id  
  GROUP BY s.serial\_id;  
    
  CREATE OR REPLACE PROCEDURE *update\_info*(  
   v\_id info\_serial.SERIAL\_ID%TYPE,  
   v\_count integer,  
   v\_durata info\_serial.durata\_totala%TYPE  
  ) AS  
  BEGIN  
   UPDATE info\_serial  
   SET numar\_episoade = numar\_episoade + v\_count,  
   durata\_totala = durata\_totala + v\_durata  
   WHERE serial\_id = v\_id;  
  END;  
  /  
    
  create or replace trigger update\_info\_serial  
   AFTER INSERT OR DELETE OR UPDATE ON EPISOD  
   FOR EACH ROW  
  BEGIN  
   IF DELETING THEN  
   *update\_info*(:OLD.SERIAL\_ID, -1, -1\*:OLD.DURATA);  
   elsif UPDATING THEN  
   *update\_info*(:OLD.SERIAL\_ID, 0, :NEW.DURATA - :OLD.DURATA);  
   else  
   *update\_info*(:NEW.SERIAL\_ID, 1, :NEW.DURATA);  
   end if;  
  end;  
    
  select \* from info\_serial;  
    
  select \* from EPISOD;  
    
  insert into EPISOD values (21, 6, 'Extreme', 4, 12);  
    
  delete from EPISOD where EPISOD\_ID = 21;  
    
  update EPISOD set durata = 100 where EPISOD\_ID = 20;
* Valorile initiale:



* Dupa insert:



* Dupa delete:



* Dupa update:

