



Universidad Nacional Autónoma de México Facultad de Ingeniería

Bases de Datos

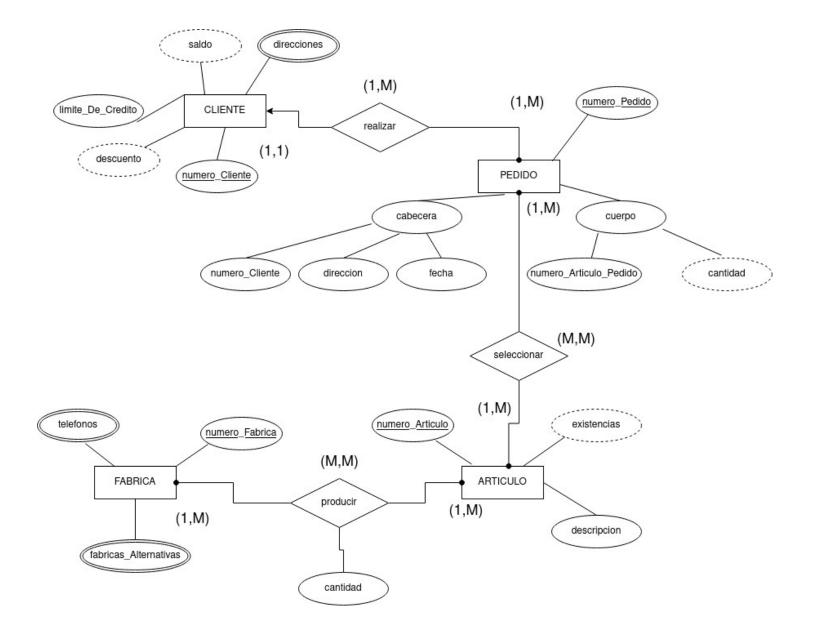
Grupo: 01

Tarea 4. Modelo de base de datos y creacion de usuario, rol y tabla en PostgresQL

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```
alejandro@Larios-Lenovo-Legion-5: ~
    File Edit View Search Terminal Help
postgres# \C ensayol |
Sst. connection (protocol: TLSV1.3, cipher: TLS_AES_256_GCM_SHA384, bits: 256, compression: off)
You are now connected to database "ensayol" as user "postgres".
ensayol=# CREATE USER alumnol WITH PASSWORD 'alu123' VALID UNTIL '2022-03-18' CONNECTION LIMIT 5;
CREATE NOLE
ensayol=# CREATE ROLE p_permisos;
CREATE ROLE
ensayol=# create table estudiante(atributo varchar(50));
CREATE TABLE
ensayol=# GRANT UPDATE ON estudiante TO p_permisos;
GRANT
GRANT
GRANT
GRANT SELECT ON estudiante TO p_permisos;
GRANT
GRANT DELECT ON estudiante TO p_permisos;
   orani
ensayol=# GRANT DELETE ON estudiante TO p_permisos;
GRANT
    GRANT
ensayol=# grant p_permisos to alumnol;
GRANT ROLE
ensayol=# \du
                                                                         List of roles
Attributes | Member of
      alumno1 | 5 connections
| Password valid until 2022-03-18 00:00:00-06
      ensayol=# \l List of databases
Name | Owner | Encoding | Collate | Ctype | Access privileges

ensayol | postgres | UTF8 | en_US.UTF-8 | en_US.UTF-8 |
p_pasos | postgres | UTF8 | en_US.UTF-8 | en_US.UTF-8 |
postgres | postgres | UTF8 | en_US.UTF-8 | en_US.UTF-8 |
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template1 | postgres | UTF8 | en_US.UTF-8 | en_US.UTF-8 | =</postgres +
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template1 | postgres | UTF8 | en_US.UTF-8 | en_US.UTF
Chema| Name | Type | Owner

public | estudiante | table | postgres
(1 row)
```

aleiandro@Larios-Lenovo-Legion-5: ~

ens	avo	1=#	\dt

ensayol=# select * from estudiante; atributo

(0 rows)

ensayol=# grant alumnol to estudiante; ERROR: role "estudiante" does not exist ensayol=# \du

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File Edit Vi							
GRANT	ANI UPDATE	ON estudia	nte TO p_permis	505;			
	ANT SELECT	ON estudia	nte TO p_permis	sos;			
GRANT	ANT DELETE	ON actualis	nte TO p permis				
GRANT	ANI DELETE	ON ESTUUTA	inte to b_betilits	,05;			
ensayo1=# gr	ant p_permi	isos to alum	mno1;				
GRANT ROLE ensayo1=# \d							
elisayo1-# (u	u		List of rol	les			
Role name			Attributes			Member of	
alumno1	1 5 connect	ione			+	{p_permisos}	
alumno1 5 connections Password valid until 2022-03-18 00:00:00-06					(h_heimizos)		
larios11						0	
p_permisos postgres	Cannot lo		ole, Create DB,	Penlication	Rypace PIS I	() ()	
postgres	Juperusei	, create it	ote, create bb,	Repercueron,	Dypuss NES		
ensayo1=# \l							
Name I	Owner	Encoding	List of databa	ses Ctype	Access pr	ivilenes	
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ensayo1	postgres	UTF8	en_US.UTF-8	en_US.UTF-8	!		
p_pasos postgres	postgres postgres	UTF8	en_US.UTF-8 en_US.UTF-8	en_US.UTF-8 en_US.UTF-8	:		
template0	postgres	UTF8	en_US.UTF-8	en_US.UTF-8	=c/postgres		
		UTTE		115 1175 0	postgres=CT		
template1	postgres	UTF8	en_US.UTF-8 	en_US.UTF-8	=c/postgres postgres=CT		
(5 rows)							
ensavo1=# \d							
	ι ist of rela	ations					
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(1 row)	cudiance	tubte po.	July 1 Co				
ensayo1=# se atributo	lect * from	n estudiante	е;				
(0 rows)							
ensayo1=# gr							
ERROR: role "estudiante" does not exist ensavol=# \du							

5 connections Password valid until 2022-03-18 00:00:00-06 p_permisos postgres

nsayo1=#