



**Universidad Nacional Autónoma de México**

**Facultad de Ingeniería**

**Bases de Datos**

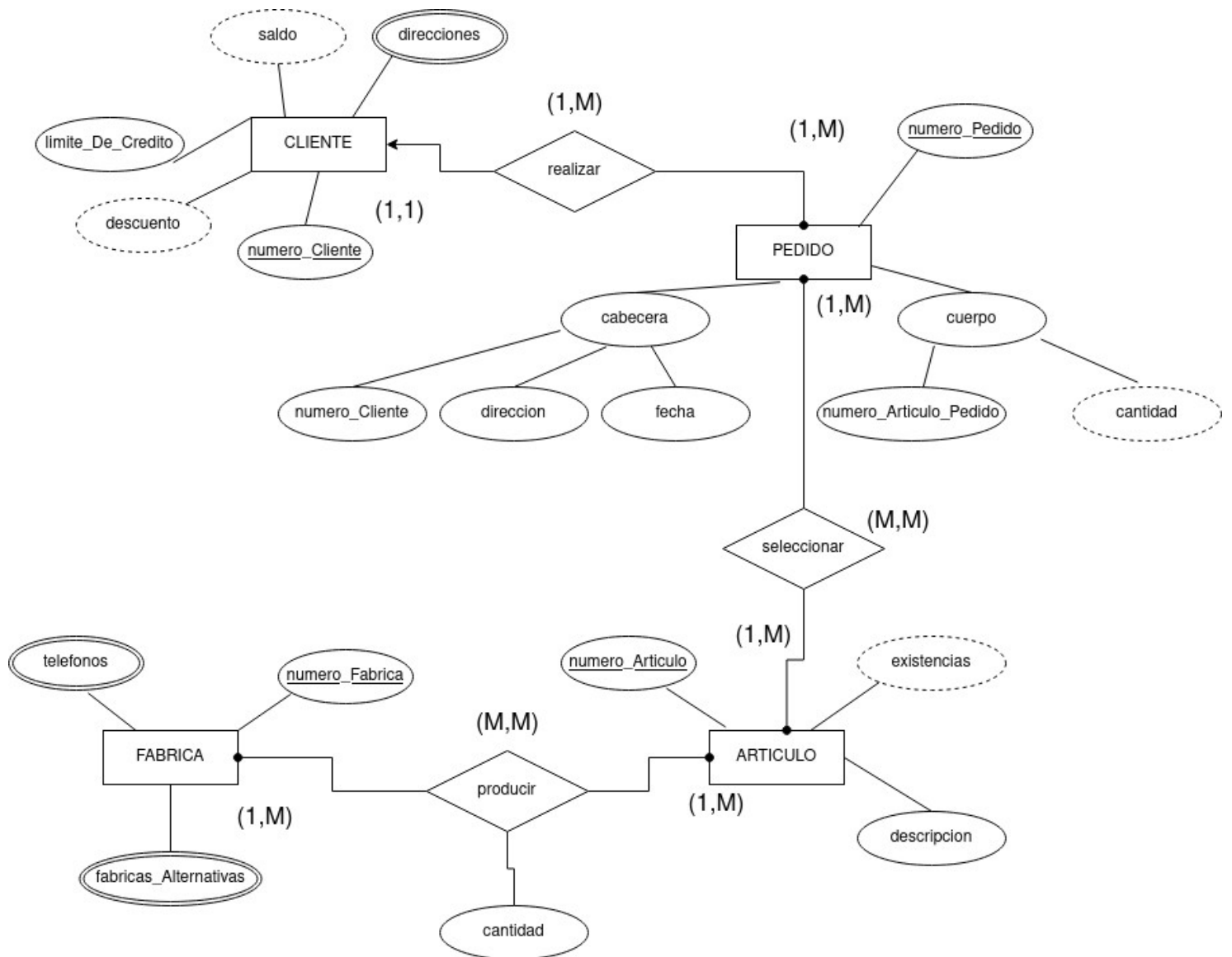
**Grupo: 01**

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

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**Profesor: Ing. Fernando Arreola Franco**

**Semestre 2022-2**



```
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postgres=# \c ensayo1
SSL connection (protocol: TLSv1.3, cipher: TLS_AES_256_GCM_SHA384, bits: 256, compression: off)
You are now connected to database "ensayo1" as user "postgres".
ensayo1=# CREATE USER alumno1 WITH PASSWORD 'alu123' VALID UNTIL '2022-03-18' CONNECTION LIMIT 5;
CREATE ROLE
ensayo1=# CREATE ROLE p_permisos;
CREATE ROLE
ensayo1=# create table estudiante(atributo varchar(50));
CREATE TABLE
ensayo1=# GRANT UPDATE ON estudiante TO p_permisos;
GRANT
ensayo1=# GRANT SELECT ON estudiante TO p_permisos;
GRANT
ensayo1=# GRANT DELETE ON estudiante TO p_permisos;
GRANT
ensayo1=# grant p_permisos to alumno1;
GRANT ROLE
ensayo1=# \du

Role name | List of roles | Member of
-----|-----|-----
alumno1 | 5 connections | + {p_permisos}
        | Password valid until 2022-03-18 00:00:00-06 |
larios11 | | {}
p_permisos | Cannot login | {}
postgres | Superuser, Create role, Create DB, Replication, Bypass RLS | {}

ensayo1=# \l

Name | Owner | Encoding | Collate | Ctype | Access privileges
-----|-----|-----|-----|-----|-----
ensayo1 | 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 |
template0 | postgres | UTF8 | en_US.UTF-8 | en_US.UTF-8 | =c/postgres +
        | | | | | postgres=CTc/postgres
template1 | postgres | UTF8 | en_US.UTF-8 | en_US.UTF-8 | =c/postgres +
        | | | | | postgres=CTc/postgres
(5 rows)

ensayo1=# \dt
Schema | Name | Type | Owner
-----|-----|-----|-----
public | estudiante | table | postgres
(1 row)

ensayo1=# select * from estudiante;
atributo
-----
(0 rows)

ensayo1=# grant alumno1 to estudiante;
ERROR: role "estudiante" does not exist
ensayo1=# \du

List of roles
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File Edit View Search Terminal Help

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