



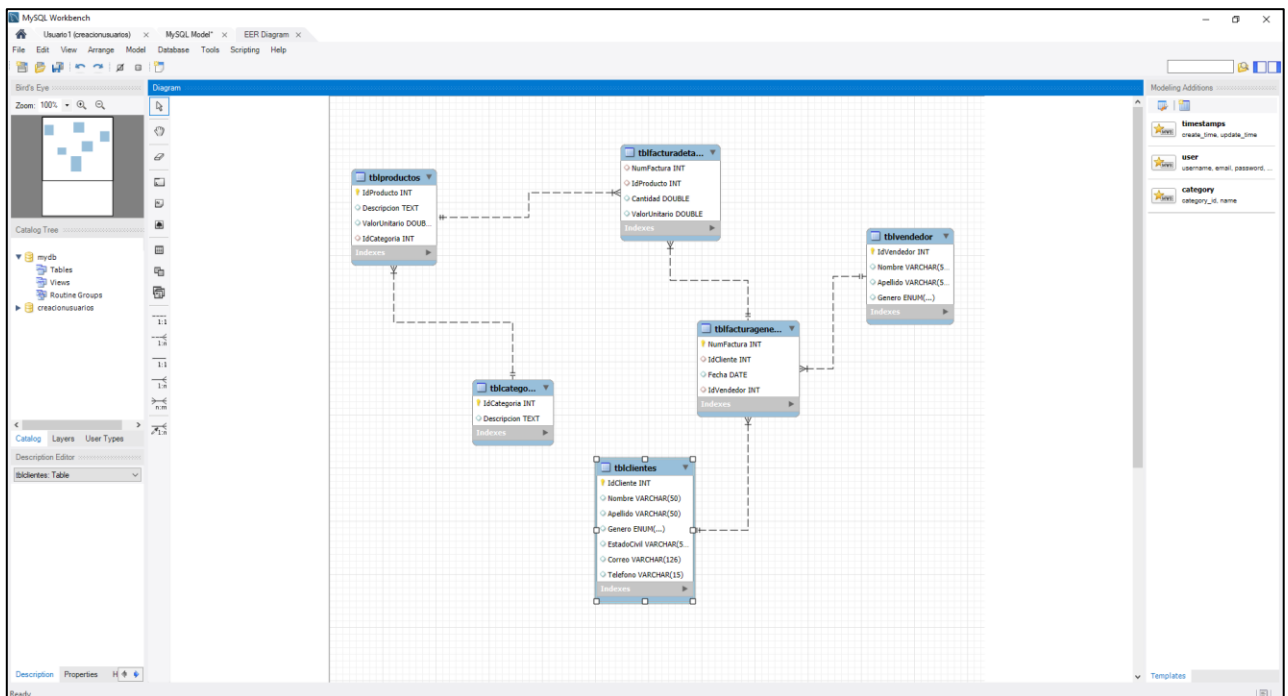
UNIVERSIDAD DE  
SAN BUENAVENTURA

# **Gestión y Administración de Bases de Datos**

Trabajo 17 de Marzo

Usuario 1 → Permisos: Todos

```
5
4      -- Crear un usuario 1:
5 • CREATE USER 'Usuario1'@'localhost' identified by 'user1';
6
7 • GRANT ALL PRIVILEGES ON CreacionUsuarios.* TO 'Usuario1'@'localhost';
8 • FLUSH PRIVILEGES;
9
10
```



Usuario 2 → Permisos: Consulta, Insert, Update y Delete.

```
-- Crear un usuario 2:
CREATE USER 'Usuario2'@'localhost' identified by 'user2';

GRANT SELECT, INSERT, UPDATE, DELETE ON CreacionUsuarios.* TO 'Usuario2'@'localhost';
FLUSH PRIVILEGES;
```

## Insert y Consulta: Usuario 2

The screenshot shows the SQL Server Enterprise Manager interface. The left pane displays the 'creacionusuarios' schema with various tables. The central pane shows a query window with the following SQL code:

```
1 • INSERT INTO TblClientes (IdCliente, Nombre, Apellido, Genero, EstadoCivil, Correo, Telefono)
2   VALUES (1, 'Juan', 'Pérez', 'Masculino', 'Soltero', 'juan.perez@email.com', '1234567890');
3
4 • SELECT * FROM TblClientes;
5
```

The 'Result Grid' shows the data returned by the SELECT query:

	IdCliente	Nombre	Apellido	Genero	EstadoCivil	Correo	Telefono
1	1	Juan	Pérez	Masculino	Soltero	juan.perez@email.com	1234567890

The bottom pane shows the 'Output' window with the following messages:

#	Time	Action	Message
1	20:35:44	INSERT INTO TblClientes (IdCliente, Nombre, Apellido, Genero, EstadoCivil, Correo, Telefono) VALUES (1, 'Juan', 'Pérez', 'Masculino', 'Soltero', 'juan.perez@email.com', '1234567890');	1 row(s) affected
2	20:35:45	SELECT * FROM TblClientes LIMIT 0, 1000	1 row(s) returned

## Update: Usuario 2

The screenshot shows the SQL Server Enterprise Manager interface. The left pane displays the 'creacionusuarios' schema. The central pane shows a query window with the following SQL code:

```
1 • INSERT INTO TblClientes (IdCliente, Nombre, Apellido, Genero, EstadoCivil, Correo, Telefono)
2   VALUES (1, 'Juan', 'Pérez', 'Masculino', 'Soltero', 'juan.perez@email.com', '1234567890');
3
4 • SELECT * FROM TblClientes;
5
6 • UPDATE TblClientes
7   SET Telefono = '0987654321'
8   WHERE IdCliente = 1;
9
```

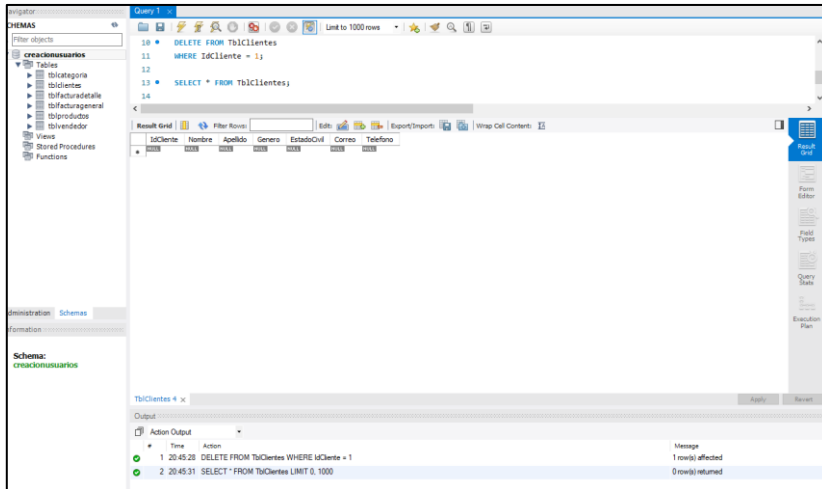
The 'Result Grid' shows the data returned by the SELECT query:

	IdCliente	Nombre	Apellido	Genero	EstadoCivil	Correo	Telefono
1	1	Juan	Pérez	Masculino	Soltero	juan.perez@email.com	0987654321

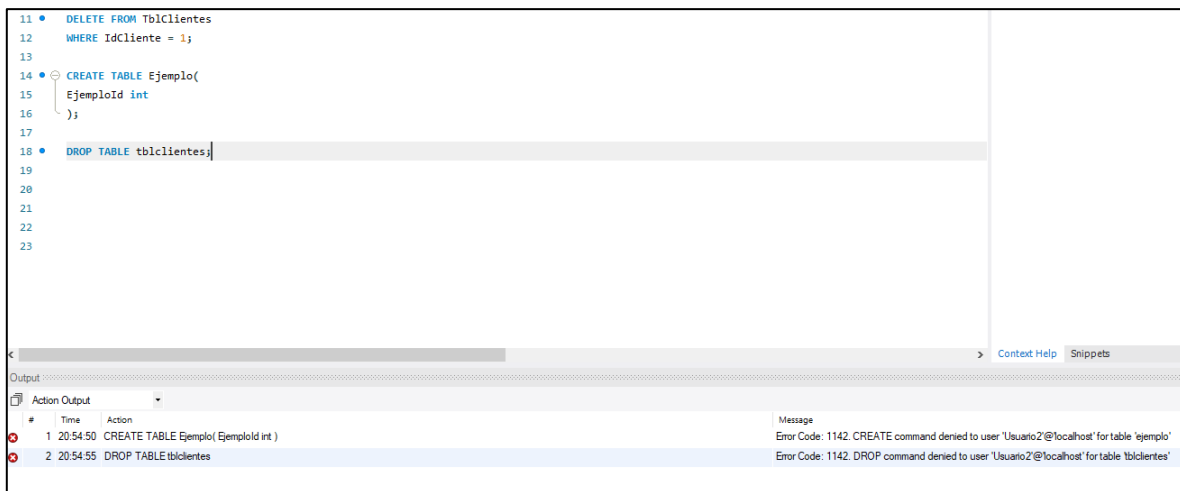
The bottom pane shows the 'Output' window with the following messages:

#	Time	Action	Message
1	20:42:38	UPDATE TblClientes SET Telefono = '0987654321' WHERE IdCliente = 1	0 row(s) affected Rows matched: 1 Changed: 0 Warnings: 0
2	20:42:43	SELECT * FROM TblClientes LIMIT 0, 1000	1 row(s) returned

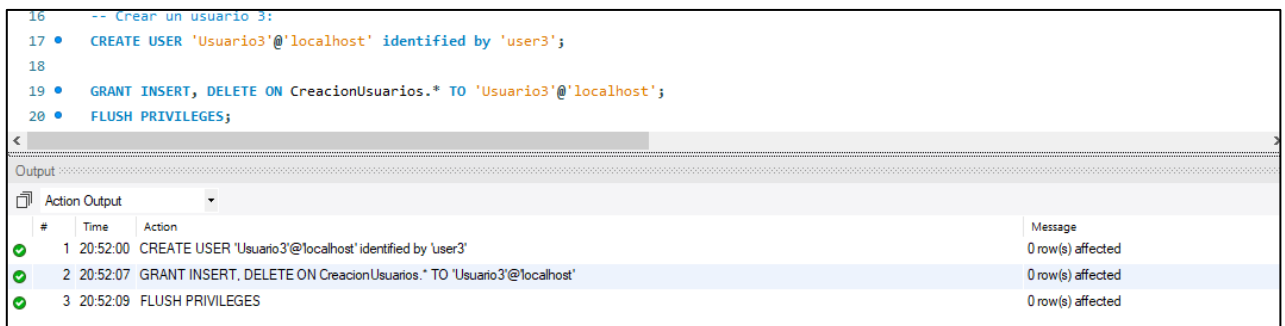
## Delete: Usuario 2



## Permisos Restringidos: Usuario 2



## Usuario 3 → Permisos: Insertar, Eliminar.



## Insert: Usuario 3

```
USE CreacionUsuarios;
INSERT INTO TblCategoria (IdCategoria, Descripcion)
VALUES (2, 'Muebles');

DELETE FROM TblCategoria
WHERE IdCategoria = 2;

UPDATE TblCategoria
SET Descripcion = 'Electrodomésticos'
WHERE IdCategoria = 2;

SELECT * FROM TblCategoria;
```

Autom help

Context Help

#	Time	Action	Message
1	21:08:50	INSERT INTO TblCategoria (IdCategoria, Descripcion) VALUES (2, 'Muebles')	1 row(s) affected

## Delete: Usuario 3

```
5 DELETE FROM TblCategoria
6 WHERE IdCategoria = 2;
```

## Restringido: Usuario 3

```
8 UPDATE TblCategoria
9 SET Descripcion = 'Electrodomésticos'
10 WHERE IdCategoria = 2;
11
12 SELECT * FROM TblCategoria;
13
14 CREATE TABLE Ejemplo(
15     EjemploId int
16 );
17
18 DROP TABLE tblclientes;
19
```

Automatic context help  
help for the current ca

Context Help Snippets

#	Time	Action	Message
1	21:12:27	UPDATE TblCategoria SET Descripcion = 'Electrodomésticos' WHERE IdCategoria = 2	Error Code: 1142. UPDATE command denied to user 'Usuario3'@'localhost' for table 'tblcategoria'
2	21:12:28	SELECT * FROM TblCategoria LIMIT 0, 1000	Error Code: 1142. SELECT command denied to user 'Usuario3'@'localhost' for table 'tblcategoria'
3	21:12:30	CREATE TABLE Ejemplo( EjemploId int )	Error Code: 1142. CREATE command denied to user 'Usuario3'@'localhost' for table 'ejemplo'
4	21:12:31	DROP TABLE tblclientes	Error Code: 1142. DROP command denied to user 'Usuario3'@'localhost' for table 'tblclientes'

## Usuario 4 → Permisos: Select, Update

```
22 -- Crear un usuario 4:
23 CREATE USER 'Usuario4'@'localhost' identified by 'user4';
24
25 GRANT SELECT, UPDATE ON CreacionUsuarios.* TO 'Usuario4'@'localhost';
26 FLUSH PRIVILEGES;
```

Output

#	Time	Action	Message
1	21:15:20	CREATE USER 'Usuario4'@'localhost' identified by 'user4'	0 row(s) affected
2	21:15:24	GRANT SELECT, UPDATE ON CreacionUsuarios.* TO 'Usuario4'@'localhost'	0 row(s) affected
3	21:15:26	FLUSH PRIVILEGES	0 row(s) affected

## Update y Select: Usuario 4

The screenshot shows a SQL IDE with the following SQL code:

```
2
3 • SELECT * FROM TblCategoria;
4
5 • UPDATE TblCategoria
6   SET Descripción = 'Electrodomésticos'
7   WHERE IdCategoria = 2;
```

Below the code, a 'Result Grid' displays the data for 'TblCategoria':

IdCategoria	Descripción
1	Muebles
2	Electrodomésticos

The 'Output' pane shows the execution results:

#	Time	Action	Message
✓ 1	21:20:54	UPDATE TblCategoria SET Descripción = 'Electrodomésticos' WHERE IdCategoria = 2	1 row(s) affected Rows matched: 1 Changed: 1 Warning: 0
✓ 2	21:20:58	SELECT * FROM TblCategoria LIMIT 0, 1000	2 row(s) returned

## Restringido: Usuario 4

The screenshot shows a SQL IDE with the following SQL code:

```
11 • INSERT INTO TblCategoria (IdCategoria, Descripción)
12   VALUES (3, 'Muebles');
13
14 • DELETE FROM TblCategoria
15   WHERE IdCategoria = 3;
16
17 • CREATE TABLE Ejemplo(
18   EjemploId int
19 );
20
21 • DROP TABLE tblclientes;
```

The 'Output' pane shows the execution results, all of which failed with error code 1142:

#	Time	Action	Message
✗ 1	21:23:13	INSERT INTO TblCategoria (IdCategoria, Descripción) VALUES (3, 'Muebles')	Error Code: 1142. INSERT command denied to user 'Usuario4'@'localhost' for table 'tblcategoria'
✗ 2	21:23:15	DELETE FROM TblCategoria WHERE IdCategoria = 3	Error Code: 1142. DELETE command denied to user 'Usuario4'@'localhost' for table 'tblcategoria'
✗ 3	21:23:16	CREATE TABLE Ejemplo( EjemploId int )	Error Code: 1142. CREATE command denied to user 'Usuario4'@'localhost' for table 'ejemplo'
✗ 4	21:23:18	DROP TABLE tblclientes	Error Code: 1142. DROP command denied to user 'Usuario4'@'localhost' for table 'tblclientes'

## Usuario 5 → Permisos: Create, Drop.

The screenshot shows a SQL IDE with the following SQL code:

```
28 -- Crear un usuario 5:
29 • CREATE USER 'Usuario5'@'localhost' identified by 'user5';
30
31 • GRANT CREATE, DROP ON CreacionUsuarios.* TO 'Usuario5'@'localhost';
32 • FLUSH PRIVILEGES;
33
```

The 'Output' pane shows the execution results:

#	Time	Action	Message
✓ 1	21:26:20	CREATE USER 'Usuario5'@'localhost' identified by 'user5'	0 row(s) affected
✓ 2	21:26:22	GRANT CREATE, DROP ON CreacionUsuarios.* TO 'Usuario5'@'localhost'	0 row(s) affected
✓ 3	21:26:24	FLUSH PRIVILEGES	0 row(s) affected

## Create Table y Drop Table: Usuario 5

```
1 • USE CreacionUsuarios;
2
3 • CREATE TABLE Ejemplo(
4   EjemploId int
5 );
6
7 • DROP TABLE Ejemplo;
8
```

Automatic context help for the current document

Context Help Snippets

Output

#	Time	Action	Message
✓	1 21:30:02	CREATE TABLE Ejemplo( EjemploId int )	0 row(s) affected
✗	2 21:30:14	SELECT * FROM Ejemplo LIMIT 0, 1000	Error Code: 1142. SELECT command denied to user 'Usuario5@localhost' for table 'ejemplo'
✓	3 21:30:37	DROP TABLE Ejemplo	0 row(s) affected

## Restringido: Usuario 5

```
9 • SELECT * FROM Ejemplo;
10
11 • UPDATE TblCategoria
12   SET Descripcion = 'Electrodomésticos'
13   WHERE IdCategoria = 2;
14
15 • INSERT INTO TblCategoria (IdCategoria, Descripcion)
16   VALUES (3, 'Muebles');
17
18 • DELETE FROM TblCategoria
19   WHERE IdCategoria = 3;
```

Automatic context help for the current document

Context Help Snippets

Output

#	Time	Action	Message
✗	1 21:31:44	SELECT * FROM Ejemplo LIMIT 0, 1000	Error Code: 1142. SELECT command denied to user 'Usuario5@localhost' for table 'ejemplo'
✗	2 21:32:00	UPDATE TblCategoria SET Descripcion = 'Electrodomésticos' WHERE IdCategoria = 2	Error Code: 1142. UPDATE command denied to user 'Usuario5@localhost' for table 'tblcategoria'
✗	3 21:32:10	INSERT INTO TblCategoria (IdCategoria, Descripcion) VALUES (3, 'Muebles')	Error Code: 1142. INSERT command denied to user 'Usuario5@localhost' for table 'tblcategoria'
✗	4 21:32:12	DELETE FROM TblCategoria WHERE IdCategoria = 3	Error Code: 1142. DELETE command denied to user 'Usuario5@localhost' for table 'tblcategoria'