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# Integrator transactions

## Unit 2

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Transactions

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WEB APPLICATIONS

## Transaction:

START TRANSACTION;

```
INSERT INTO TransactionsUserSeller (EMAIL_SELLER, EMAIL_USER, ID_DESIGN,
Quantity, Date) VALUES ('sebastianantoniochavira@gmail.com',
'chavirasebastian513@gmail.com', 10, '2', NOW());
```

COMMIT;

## Trigger

Este es el trigger que trabaja con nuestra transaction.

DELIMITER //

```
CREATE TRIGGER purchase_sales_history AFTER INSERT ON
TransactionsUserSeller
```

```
FOR EACH ROW
```

```
BEGIN
```

```
INSERT INTO purchase_history (EMAIL_USER, EMAIL_USER_SELLER,
ID_DESIGN) VALUES (NEW.EMAIL_SELLER, NEW.EMAIL_USER, NEW.ID_DESIGN);
```

```
INSERT INTO sales_history (EMAIL_USER, EMAIL_USER_SELLER, ID_DESIGN)
VALUES (NEW.EMAIL_SELLER, NEW.EMAIL_USER, NEW.ID_DESIGN);
```

```
END;
```

```
//
```

```
DELIMITER ;
```

## Justificación:

En la página proveemos un historial de compra para el usuario y venta para el usuario vendedor, para que ambas partes tengan acceso a las compras y ventas que han hecho hasta el momento. A quien le han comprado o vendido, y además de tener el conocimiento y registro en todo momento de cuándo y cuánto fue el pago que se realizó.

## Imágenes:

```
@ MySQL Client (MariaDB 11.3 (x64)) - mariadb -u root -p

MariaDB [udesev]>
MariaDB [udesev]> DELIMITER //
MariaDB [udesev]> CREATE TRIGGER purchase_sales_history AFTER INSERT ON TransactionsUserSeller
    -> FOR EACH ROW
    -> BEGIN
    -> INSERT INTO purchase_history (EMAIL_USER, EMAIL_USER_SELLER, ID_DESIGN) VALUES (NEW.EMAIL_SELLER, NEW.EMAIL_USER, NEW.ID_DESIGN);
    -> INSERT INTO sales_history (EMAIL_USER, EMAIL_USER_SELLER, ID_DESIGN) VALUES (NEW.EMAIL_SELLER, NEW.EMAIL_USER, NEW.ID_DESIGN);
    -> END;
    -> //
Query OK, 0 rows affected (0.289 sec)

MariaDB [udesev]> DELIMITER ;
```

```
@ MySQL Client (MariaDB 11.3 (x64)) - mariadb -u root -p

MariaDB [udesev]> delete from purchase_history;
Query OK, 2 rows affected (0.128 sec)

MariaDB [udesev]> START TRANSACTION;
Query OK, 0 rows affected (0.000 sec)

MariaDB [udesev]> INSERT INTO TransactionsUserSeller (EMAIL_SELLER, EMAIL_USER, ID_DESIGN, Quantity, Date) VALUES ('sebastianantoniochavira@gmail.com', 'chavirasebastian513@gmail.com', 10, '2', NOW());
Query OK, 1 row affected, 1 warning (0.001 sec)

MariaDB [udesev]>
MariaDB [udesev]> COMMIT;
Query OK, 0 rows affected (0.116 sec)

MariaDB [udesev]> select * from sales_history;
+----+-----+-----+-----+
| ID | ID_DESIGN | EMAIL_USER_SELLER | EMAIL_USER |
+----+-----+-----+-----+
| 3 | 10 | chavirasebastian513@gmail.com | sebastianantoniochavira@gmail.com |
+----+-----+-----+-----+
1 row in set (0.001 sec)

MariaDB [udesev]> select * from purchase_history;
+----+-----+-----+-----+
| ID | ID_DESIGN | EMAIL_USER_SELLER | EMAIL_USER |
+----+-----+-----+-----+
| 3 | 10 | chavirasebastian513@gmail.com | sebastianantoniochavira@gmail.com |
+----+-----+-----+-----+
1 row in set (0.001 sec)

MariaDB [udesev]> select * from TransactionsUserSeller;
+----+-----+-----+-----+-----+
| ID | Email_user | Email_seller | ID_DESIGN | Date | Quantity |
+----+-----+-----+-----+-----+
| 5 | chavirasebastian513@gmail.com | sebastianantoniochavira@gmail.com | 10 | 2023-11-13 | 2 |
+----+-----+-----+-----+-----+
1 row in set (0.001 sec)
```