CSD2204 - Database Design and SQL Day 2 Task

ERD Domain: Walmart

Entities involved:

* **Product** – this entity has the following attributes(**product\_id, name, price, description, product\_type, expire\_date**)
* **Supplier** - this entity has the following attributes (**supplier\_id, name**)
* **Walmart\_store** - this entity has the following attributes (**store\_id, phone\_no, address**)
* **Costumer** - this entity has the following attributes (**costumer\_id, name, address, phone\_no**)
* **Worker** - this entity has the following attributes (**ss, name, salary, phone\_no, address**)
* **Order** - this entity has the following attributes (**sale\_id, amount, date, quantity, status, payment\_type**)

Relationship among the entities:

* (**has**) A product is in many order as an order has many products.
* (**restocked\_by**) A supplier restock many products but a product has only one supplier.
* (**available\_in**) A product exists in many Walmart\_stores as a Walmart\_store has many products.
* (**buy\_from**) A Walmart\_store issue many orders but an order is from only one Walmart\_store.
* (**work\_at**) A Walmart\_store has many workers but an worker just work for one Walmart\_store.
* (**buy\_for**) An order is issue only by one worker and a worker can issue many orders.
* (**attended\_by**) An order is ordered for just one costumer but a costumer can order many orders.

