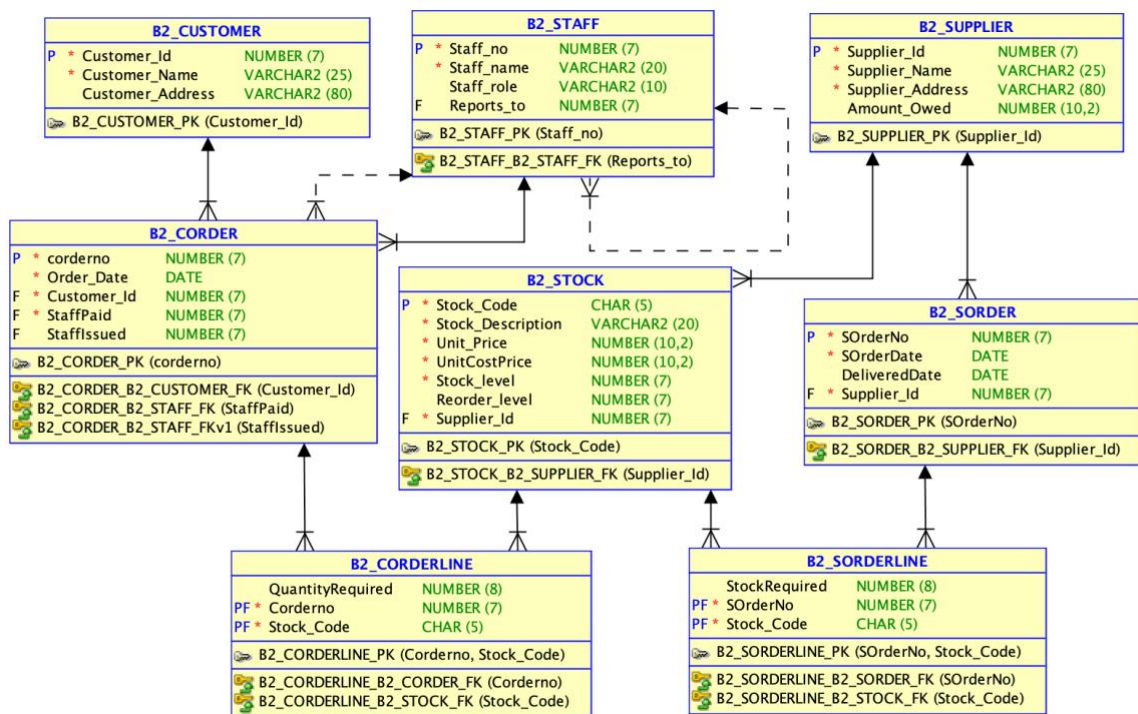


## Builder queries – Relational databases



Write SQL expressions that answer the following queries:

### Week 1

- Get the stock codes and descriptions of all stock items that are selling at a loss.
  - Unit price < unitCostPrice
- Get the stock codes and descriptions of all stock items that need to be reordered.
- List the names of all customers who have no orders.
- Get the description of any stock item that John Flaherty bought.
- Get the Supplier name of any supplier who didn't supply any stock.
- Get the customer\_id for customers who bought stock code A101 or A111.
- Get the names of all staff members who took payment from Mary Martin.
- Get the names of all staff members who issued goods supplied by Buckleys.
- Get the customer\_id for customers who bought A101 and A111.  
List the supplier\_id and supplierorderno for all orders that were delivered late (5 days) or not at all.

### Week 2

- Get the customer\_name of customers who have bought all stock items.
- Get the names of customers who have bought the highest number of different stock items.**
- Get the names of customers who have bought the lowest number of different items of stock (the customer must have bought at least one item).**
- Get the names of customers who have not placed any orders.
- Get the description of stock items that have sold less than 5 items.**
- Return the name of each supplier and where available, the description of the stock items he / she supplies.
- Get the customer name, stock code, description and total quantity of that item that customer has ordered.**
- Get the customer name, order number, cost and order date of the order that cost the most.**
- Get the customer name, order number, cost and order date of the order that cost greater than or equal to the average cost of all orders.**