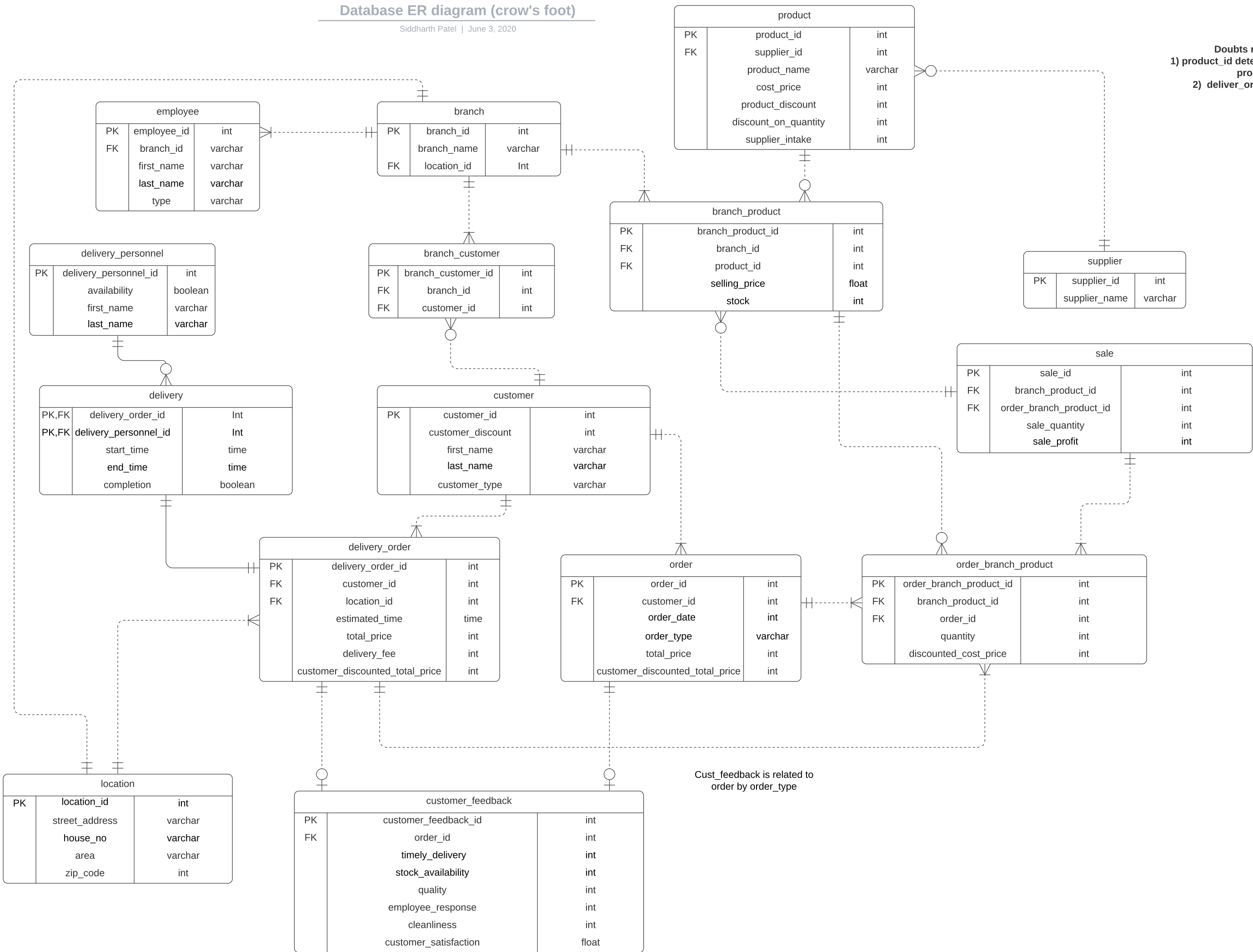


Database ER diagram (crow's foot)

Siddharth Patel | June 3, 2020



Doubts regarding 3NF:
1) product_id determines cost_price in the product table.
2) deliver_order and order entity

Cust_feedback is related to order by order_type

Delivery Activities:

1. Only till particular distance
2. charging delivery fee till a certain amount
3. making timely delivery

- 1) Timely delivery
- 2) Quality
- 3) Quantity
- 4) Employee Response
- 5) Cleanliness

Finance

The part of an organization that manages its money. The business functions of a finance department typically include planning, organizing, auditing, accounting for and controlling its company's finances. The finance department also usually produces the company's financial statements.

Read more: <http://www.businessdictionary.com/definition/finance-department.html>

Supply chain

In business and finance, supply chain is a system of organizations, people, activities, information, and resources involved in supplying a product or service to a consumer.

SALES:

- 1) Product quantity acquired from supplier per month
- 2) Turnover per month (quantity sold per month)

Doubts:

- 1) order_id in order_product entity will have to handle ids from 2 different entities order and delivery order
- 2) Is stock in branch_product table transitively dependent on branch_product_id via supplier_intake or supplier_price
- 3) How to chose between natural key and surrogate key? What defines the identifying and non-identifying relationships?