

Flow DB stores inventory info

- 1 warehouse has 1 manager

unique warehouse name
addr

unique employee-id
name

- Every part of warehouse has ¹ unique part number

2. Inventory date

3. quantity-on-hand

4. 1 supplier name

can deliver ← 5. delivery number
several parts 6. data

7. quantity

DB WAREHOUSE

manager-id
manager-name
warehouse-name
warehouse-addr
part-no
inventory-dt
qty-on-hand
supplier-name
delivery-no
delivery-dt
delivery-qty

given this master table, we want to break it
down further so that we won't encounter
insertion, deletion, update anomalies.

Let's first break down the table on different level

- manager

- warehouse

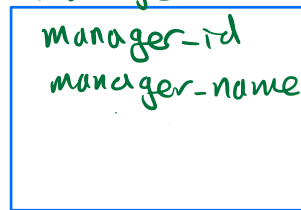
- parts

- supplier

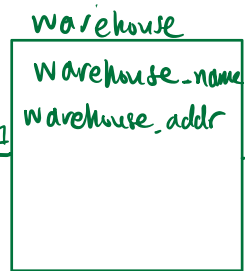
- parts delivery

- Delivery

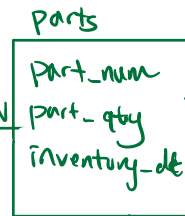
This leads to
manager



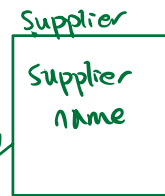
1 1



1 N



1 1



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