

Logical model

customer(<u>customer id</u>, fname, address, phone, name. email)

menu(menu id, name, price)

coupon(customer id->, menu id-> value, exp date)

orders(customer id->, menu id->, customer id->, menu id ->, id->->, date, qty)

orders_d(id)

 ${\sf GPS}({\sf order_id\text{--}}, {\sf time_left}, \, {\sf time_delivered})$

vehicle(driver_id->,store id->)

employee(employee id, ssn, fname, lname, phone, saddress, caddress, saddress, zaddress, license number, jobtype)

third party delivery(<u>deliverer id</u>, company name, fdriver name, ldriver name, phone)

employee_store(employee id->, store id->)

Notes

- rating refers to the performance evaluations of the manager which looks for how well they can manage store operations as well as their own staff
- service area refers to the specified area a driver delivers too to ensure orders are efficient and drivers aren't wasting time and distance on long deliveries, this also keeps delivery times down