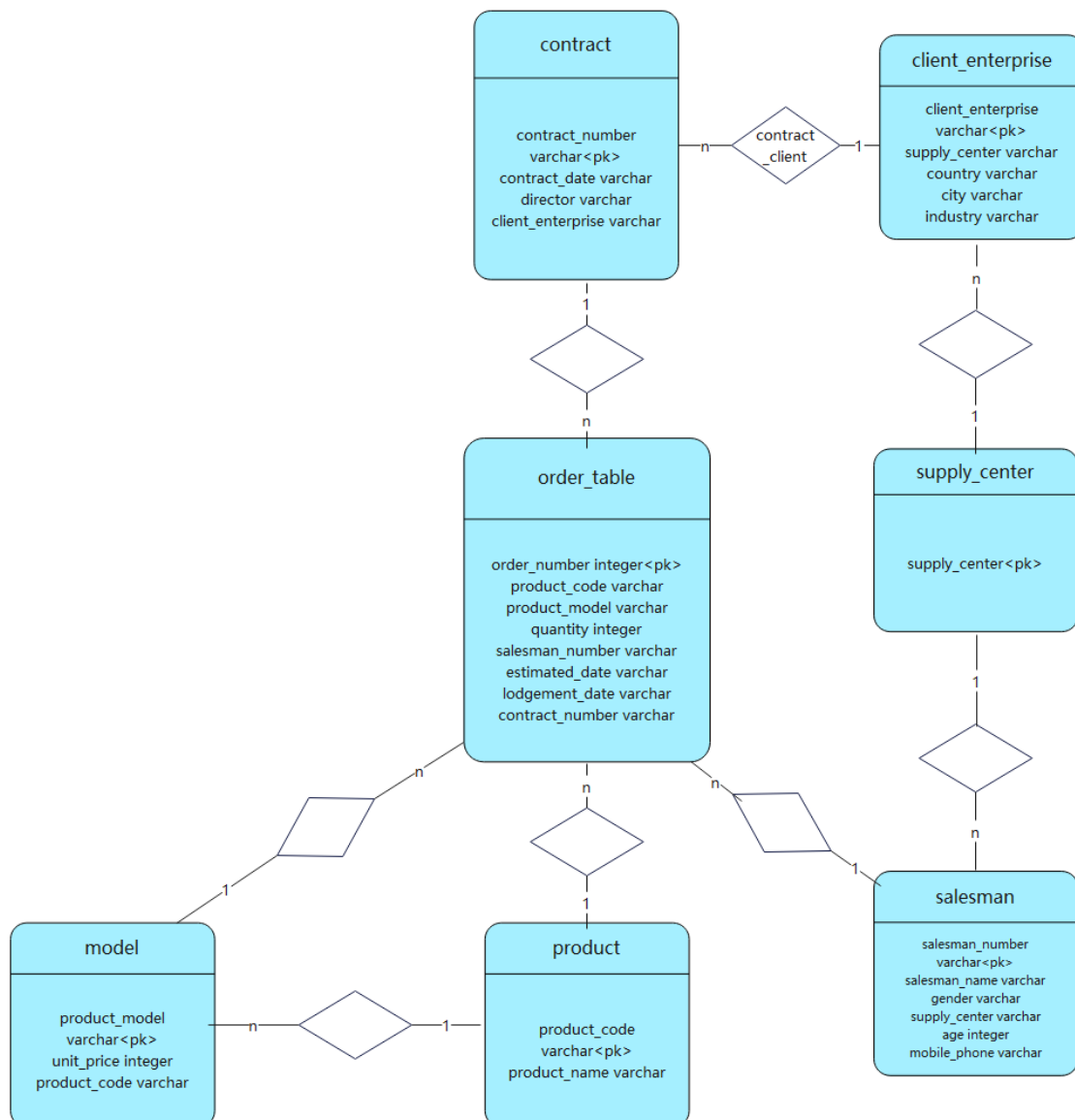# Database project1 report

contributers: 裴梦远 12011312 程博 12011310 lab:2
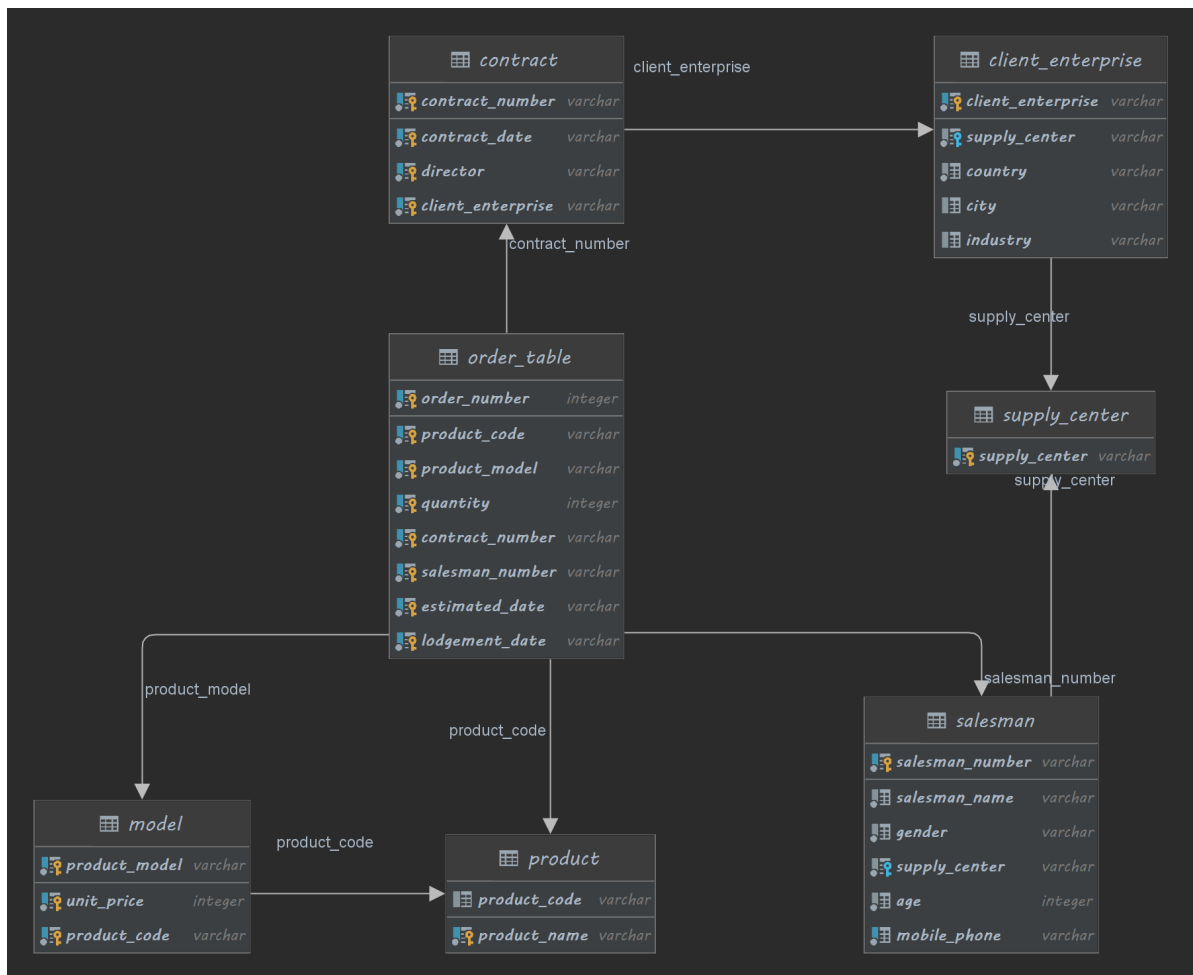
contribution percentage: 50% per person

Task 1 E-R Diagram

Tool: 亿图图示（software）

Task 2 Database Design

In this diagram,we have 7 tables.

contract : This table is created to have information about all 5000 contracts

contract_number(pk): the unique code for a contract.

contract_date: the date when the contract signed.

director: the people's name responsible for the contract.

client_enterprise: the name of the client which signed the contract.

client_enterprise: This table is created to have information about the enterprise

client_enterprise(pk): the name of the client.

supply_center: the corresponding supply_center to the enterprise.

country: the country where the enterprise is located.

city: the city where the enterprise is located.

industry: the industry where the client enterprise resides.

supply_center: This table is created to have information about the 7 supply_center

supply_center(pk): the name of the supply_center.

salesman: This table is created to have information about the salesman

salesman_number(pk): the unique number of a salesman.

salesman: the name of the salesman.

gender: the gender of the salesman.

age: the age of the salesman.

mobile_phone: the phone number of the salesman.

supply_center: the supply_center where the salesman works in.

order_table: This table is created to have information about the orders

order_number(pk) : the serial primary key to number the order.

product_code: the product code of this order.

product_model: the product model of this order.

quantity: the amount of the product of this order.

contract_number: the contract number corresponding to the contract.

salesman_number: the salesman number responsible for the order.

estimated_date: the estimated delivery date of the product.

lodgement_date: the actual date of the product be delivered.

model: This table is created to have information about the models

product_model(pk): the number of the model.

unit_price: the price of this model.

product_code: the corresponding product code to the model.

product: This table is created to have information about the products

product_code(pk): the unique code for the product.

product_name: the name of the product.