

Functional Dependency

Table: Branch

Branch_id \rightarrow (Branch_name, Branch_location, Branch_telephone, Branch_email, Branch_fax, working_hour, Working_day, Manager_id)
Manager_id \rightarrow (Manager_name)
Branch_name \rightarrow (Branch_location, working_hour, working_day)

Table: Department

Dept_id, Manager_id \rightarrow (Dept_telephone, Dept_email, Dept_description, Total_employee, location)

Table: Financial

F_id \rightarrow (Order_id, Amount, Transaction_type, Transaction_description)

Order_id, C_id \rightarrow (Amount)

Table: Marketing

M_id \rightarrow (M_name, M_plan, M_duration, Manager_id)

Table: Delivery Company

DM_id \rightarrow (DM_name, DM_openday, DM_openhours, DM_telephone, DM_location, DM_email)

Table: Payment Method

Pm_id, C_Name \rightarrow (cash_date, type of bank, bank_transfer_status)
Order_id \rightarrow (Amount, status)

Table: Employee

Em_id \rightarrow (email, phone_number, wage, check-in, check-out, All_hour)
Citizen_id \rightarrow (firstname, surname, sex, birthday)

Table: Customer

C_id \rightarrow (Phone_number, email)
Citizen_id \rightarrow (firstname, surname, sex, birthday, Address)

Table: Membership

Mem_id \rightarrow (mem_number)
C_name \rightarrow (Mem_first, Mem_enddate)

Table: Promotion

Pro_id → (Promo_member, Promo-discount, Promo_status, Net_price)

Table: Customer_detail

C_detail_id → (Start_selling, Amount of buying, Debt, Mem_status)

Table: Product

P_id → (P_type, , P_detail, P_price,)

S_id →(P_name)

Table: Stock

S_id → (S_name, S_location, S_capacity, S_type, S_status)

Table: Order

Order_id → (Order_date, Order_last, Net_price, Order_status)

Table: Shopping Online

SO_id → (C_id, C_name, Order_id,)

PM_id →(pay_status)

Table: Shelf

SO_id → (C_name, Shelf_startday, Shelf_endday)

P_id →(P_name,P_type)

Table: Manager

Manager_id → (Education, Experience, workplace, work_hours)