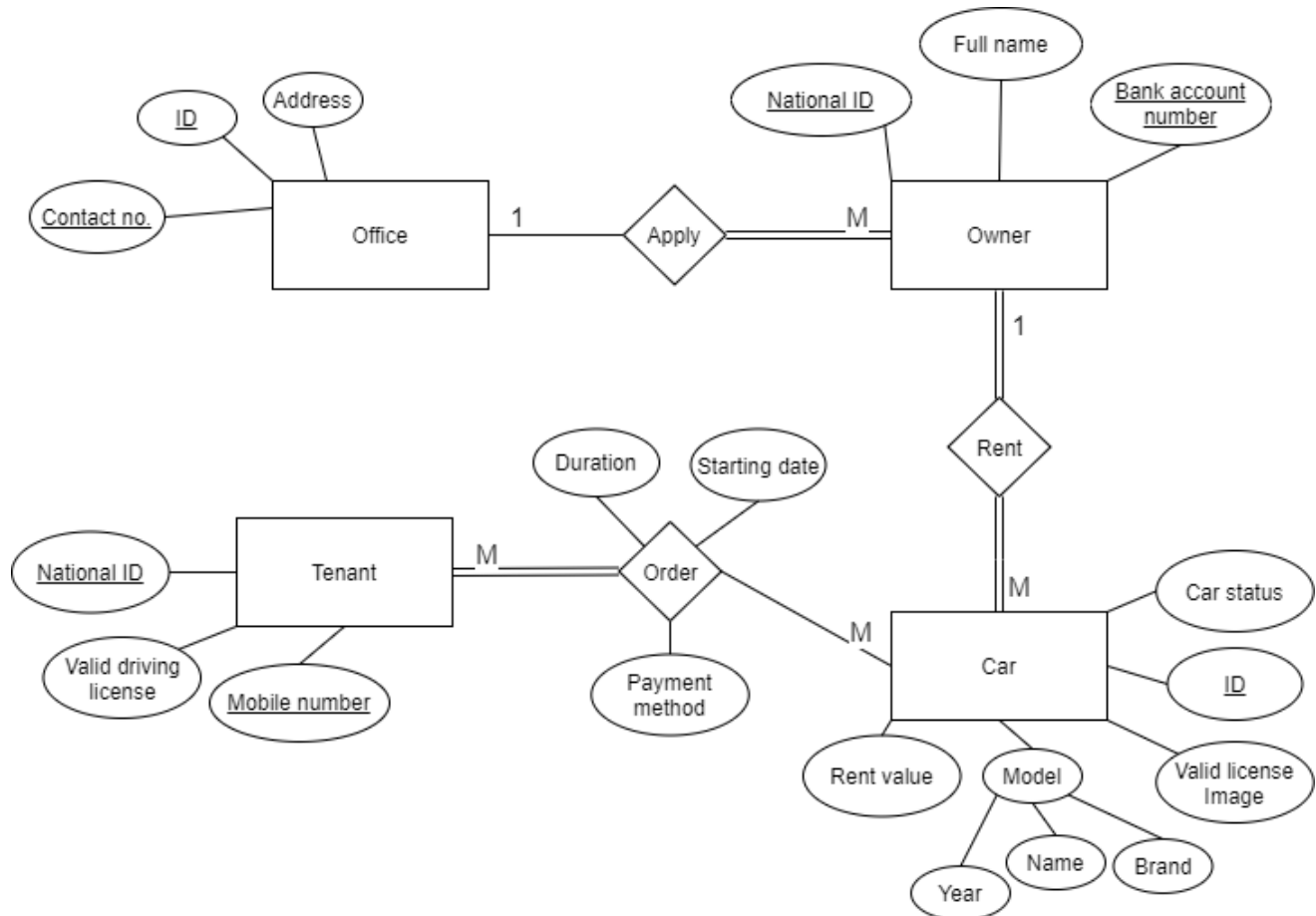


ERD & Mapping Assignment (Marwan)

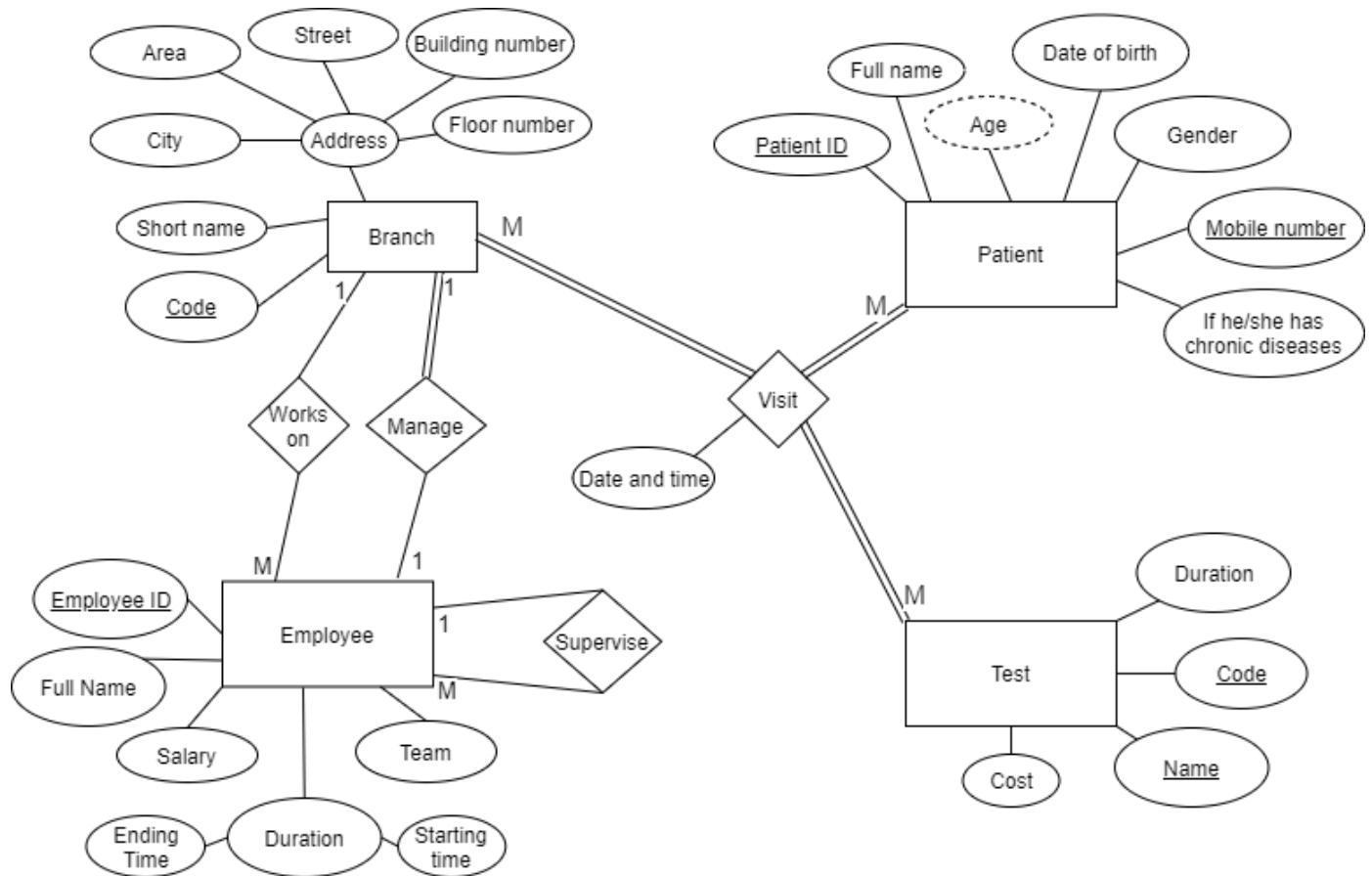
1- Intermediary car rental company:



Mapping:

- Car (ID , Status , Valid license image , Brand , Name , Year , Rent value , OwnerID)
- Owner (National ID , Bank account number , Full name , OfficeID)
- Office (ID , Contact no , Address)
- Tenant (National ID , Mobile number , Valid driving license)
- Order (Tenant ID , Car ID , Starting date , Duration , Payment method)

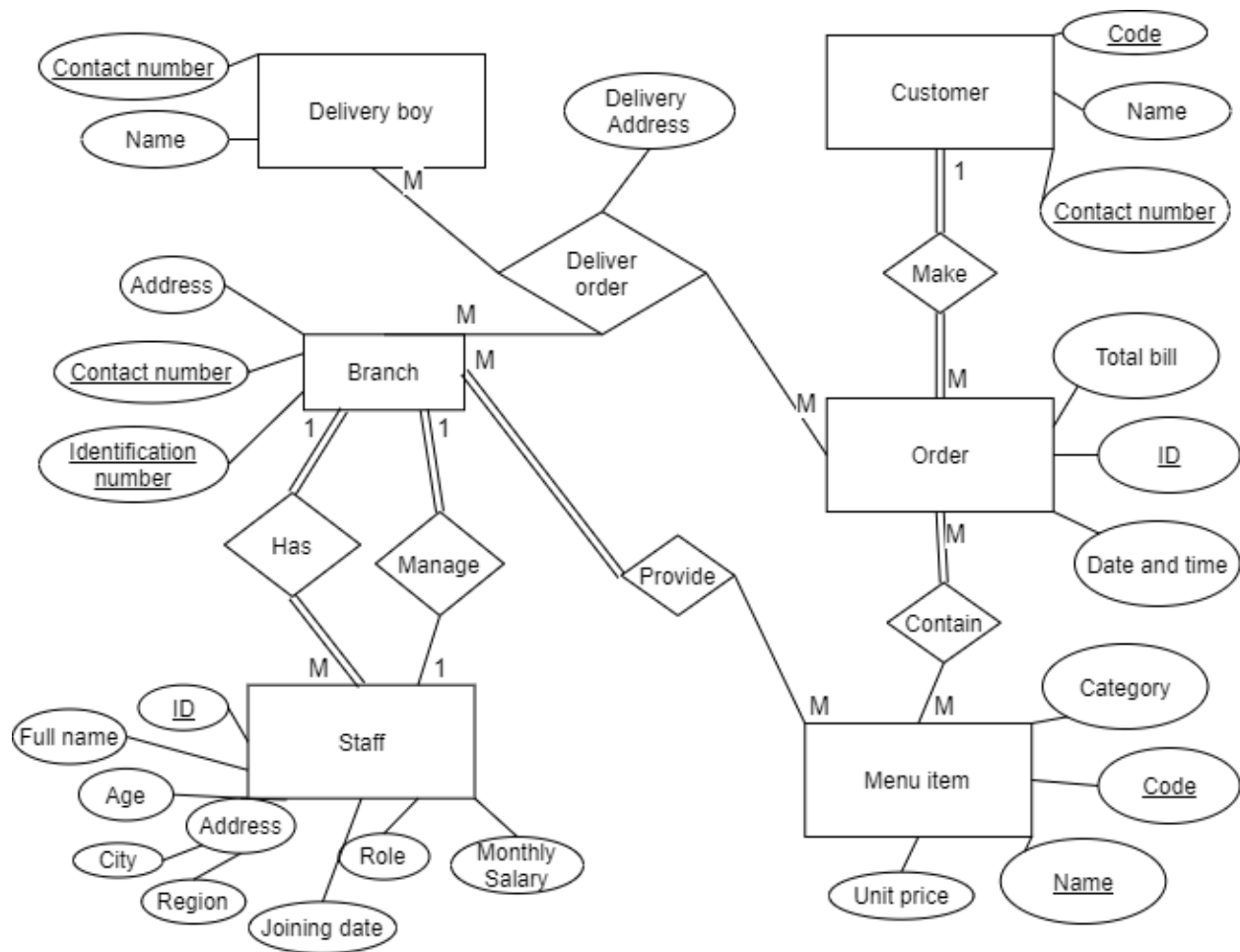
2- Medical analysis laboratory:



Mapping:

- Branch (Code , Short name , City , Area , Street , Building number , Floor number , Manager ID)
- Employee (Employee ID , Full name , Salary , Team , Starting time , Ending time , Brand Code)
- Patient (Patient ID , Mobile number , Full name , Date of birth , Gender , If he/she has chronic diseases)
- Test (Code , Name , Cost , Duration)
- Visit (Brand code , Test code , Patient ID , Date and time)

3- XYZ takeaway restaurant:

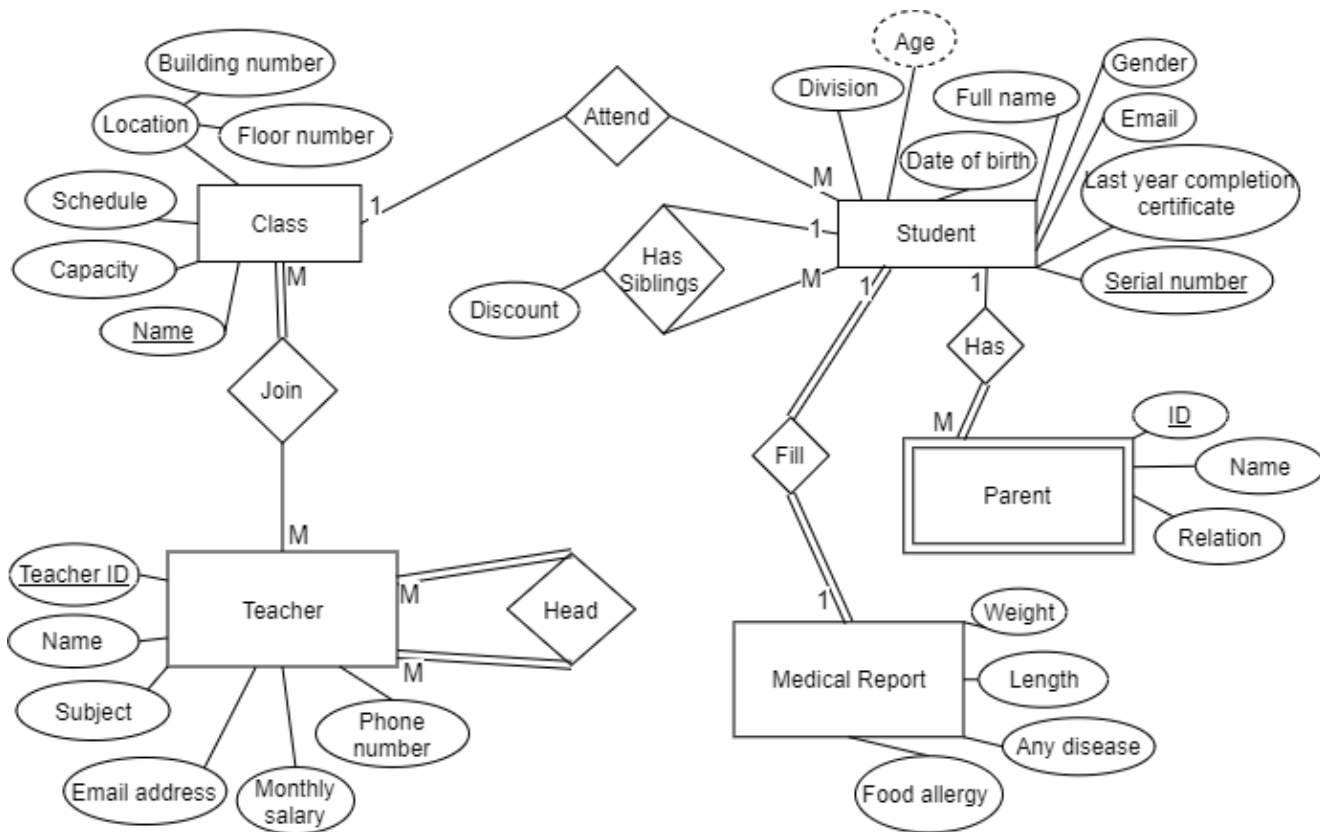


Mapping:

- Branch (Identification number , Contact number , Address , Manager ID)
- Staff (ID , Full name , Age , City , Region , Role , Joining date , Monthly salary , Branch ID)
- Menu item (Code , Name , Category , Unit price)
- Order (ID , Total bill , Date and time , Customer code)
- Customer (Code , Name , Contact number)
- Delivery boy (Contact number , Name)

- Provide (Branch ID , Item code)
- Contain (Order ID , Item code)
- Deliver order (Branch ID , Order ID , Delivery boy number ,
Delivery Address)

4- International school database system:



Mapping:

- Student (Serial number , Full name , Division , Date of birth , Gender , Email , Last year completion certificate ,
Weight , Length , Any disease , Food allergy , Class name ,
Sibling ID , Discount)

- Class (Name , Capacity , Schedule , Building number , Floor number)
- Teacher (ID , Name , Phone number , Subject , Email , Monthly salary)
- Parent (Student ID , ID , Name , Relation)
- Join (Class name , Teacher ID)
- Subject head (Teacher ID , Head ID)