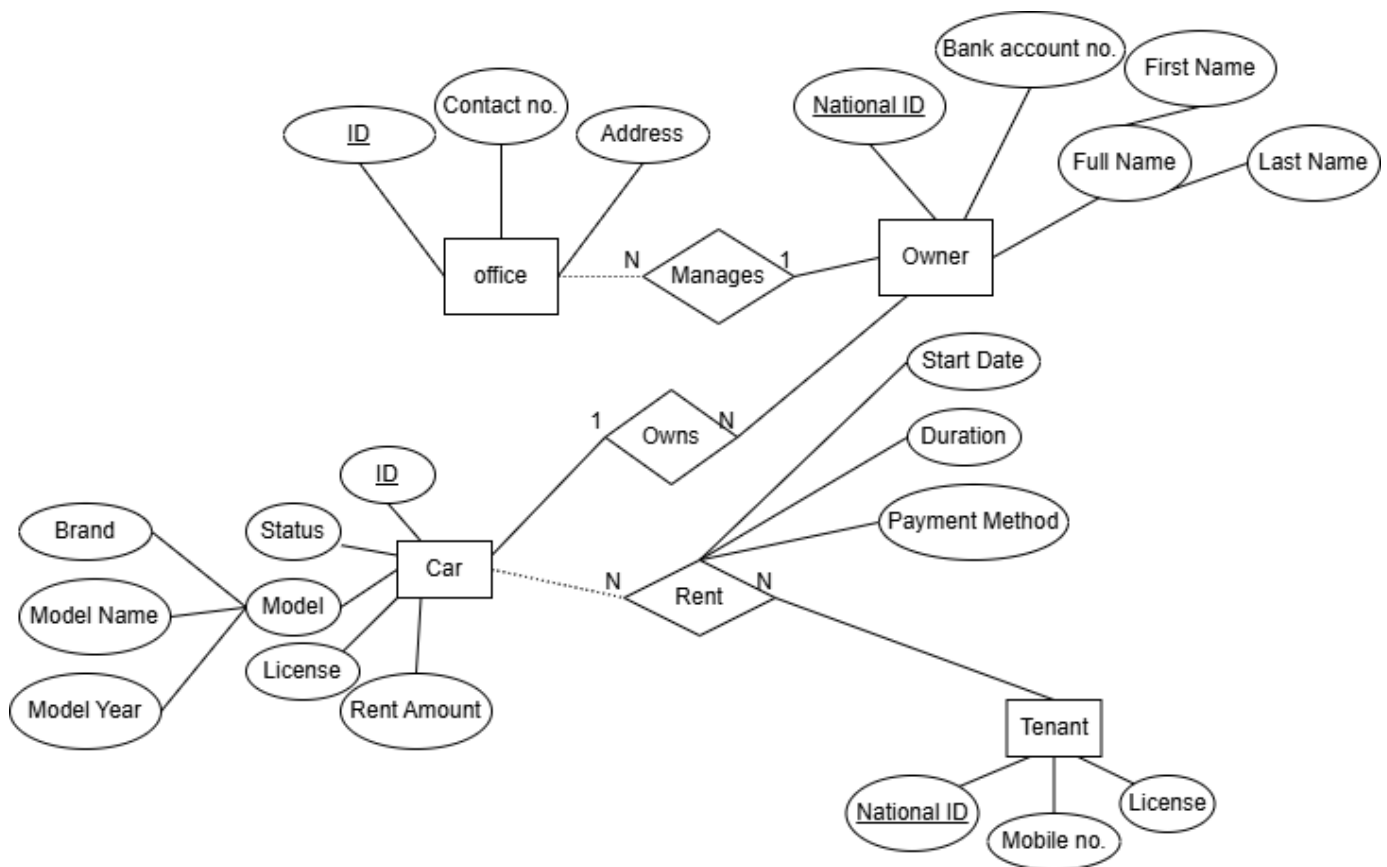


# 1- Intermediary Car Rental Company

## a- ERD



## b- Mapping

Office (#ID, Contact no., Address)

Owner (#National ID, Bank account no., First name, Last name, Office ID (FK))

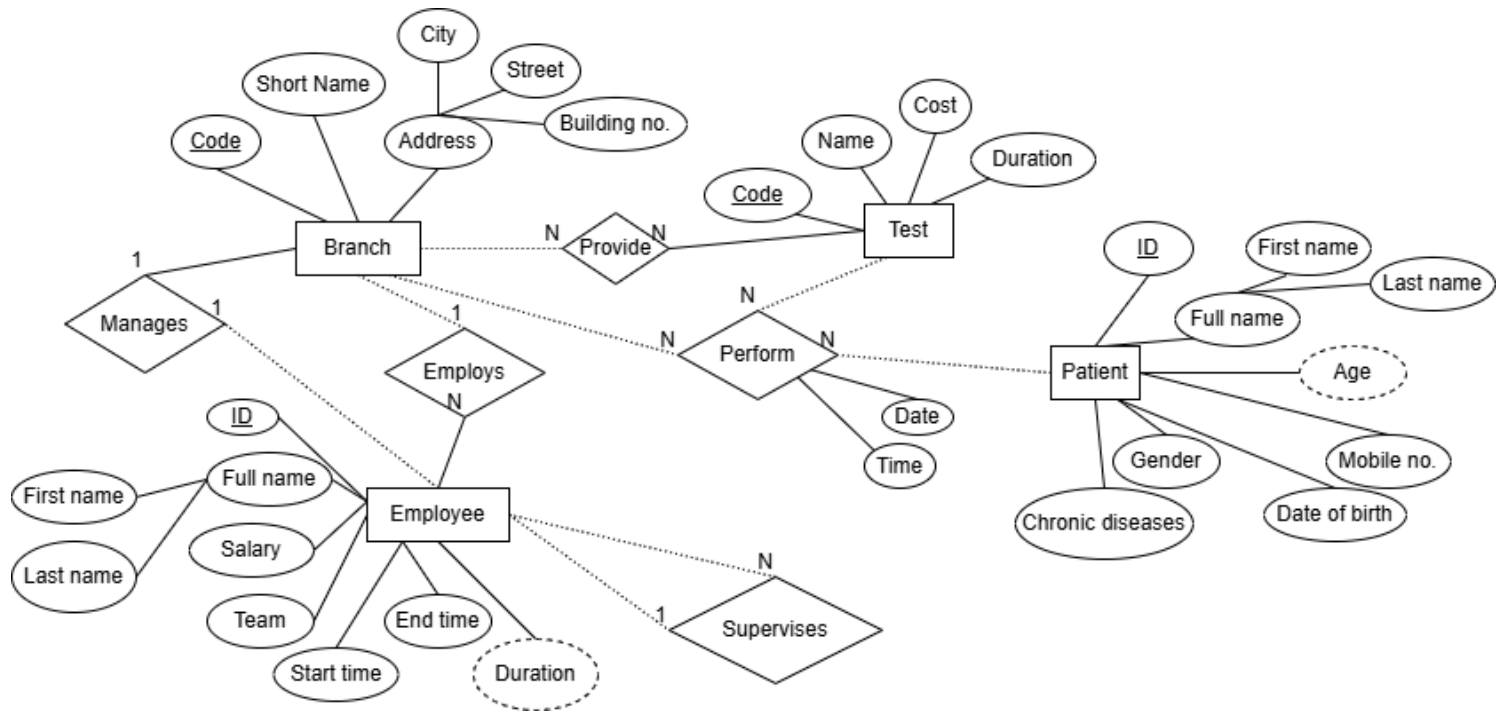
Car (#ID, Status, Brand, Model name, Model year, License, Rent amount, Owner ID(FK))

Tenant (#National ID, Mobile no., License)

Rental (#Start date, #Tenant ID(FK), #Car ID(FK), Duration, Payment method)

## 2- XX medical analysis laboratory

### a- ERD



### b- Mapping

Branch (#Code, Short name, City, Street, Building no., Manager ID(FK))

Test (#Code, Name, Cost, Duration)

Employee (#ID, First name, Last name, Salary, Team, Start time, End time, Supervisor ID(FK), Branch code(FK))

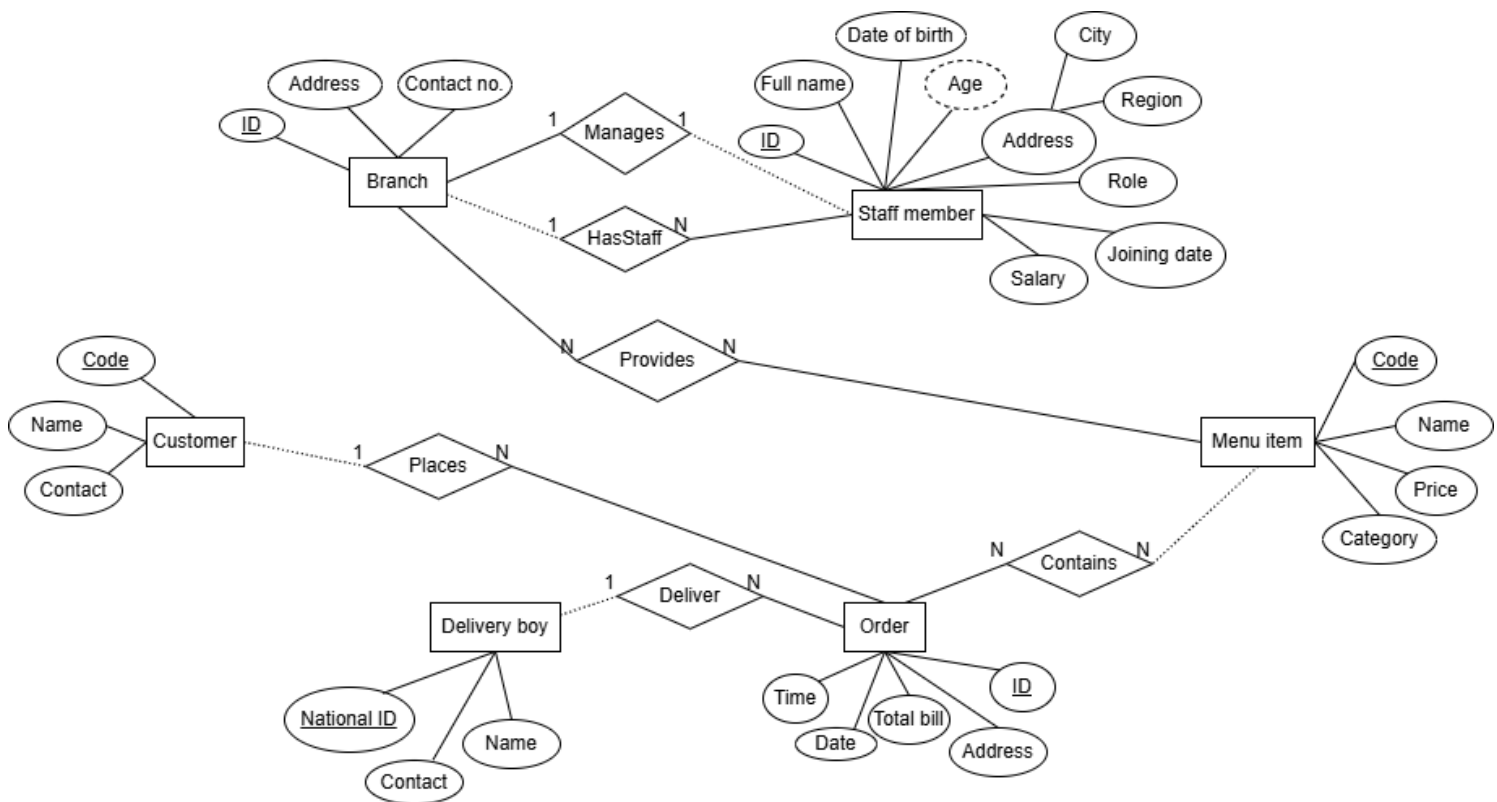
Patient (#ID, First name, Last name, Mobile no., Date of birth, Gender, Chronic diseases)

Provided\_test (#Branch code(FK), #Test code (FK))

Performed\_test (#Branch code(FK), #Test code(FK), #Patient ID(FK), Date, Time)

### 3- XYZ Take-away Restaurants

#### a- ERD



#### b- Mapping

Branch (#ID, Address, Contact no., Manager ID(FK))

Staff\_member (#ID, Full name, Date of birth, City, Region, Role, Joining date, Salary, #Branch\_ID(FK))

Provides\_item (#Branch\_ID(FK), #Item\_code(FK))

Menu\_item (#Code, Name, Price, Category)

Order (#ID, Time, Date, Total bill, Address, Delivery boy ID(FK), Customer ID(FK))

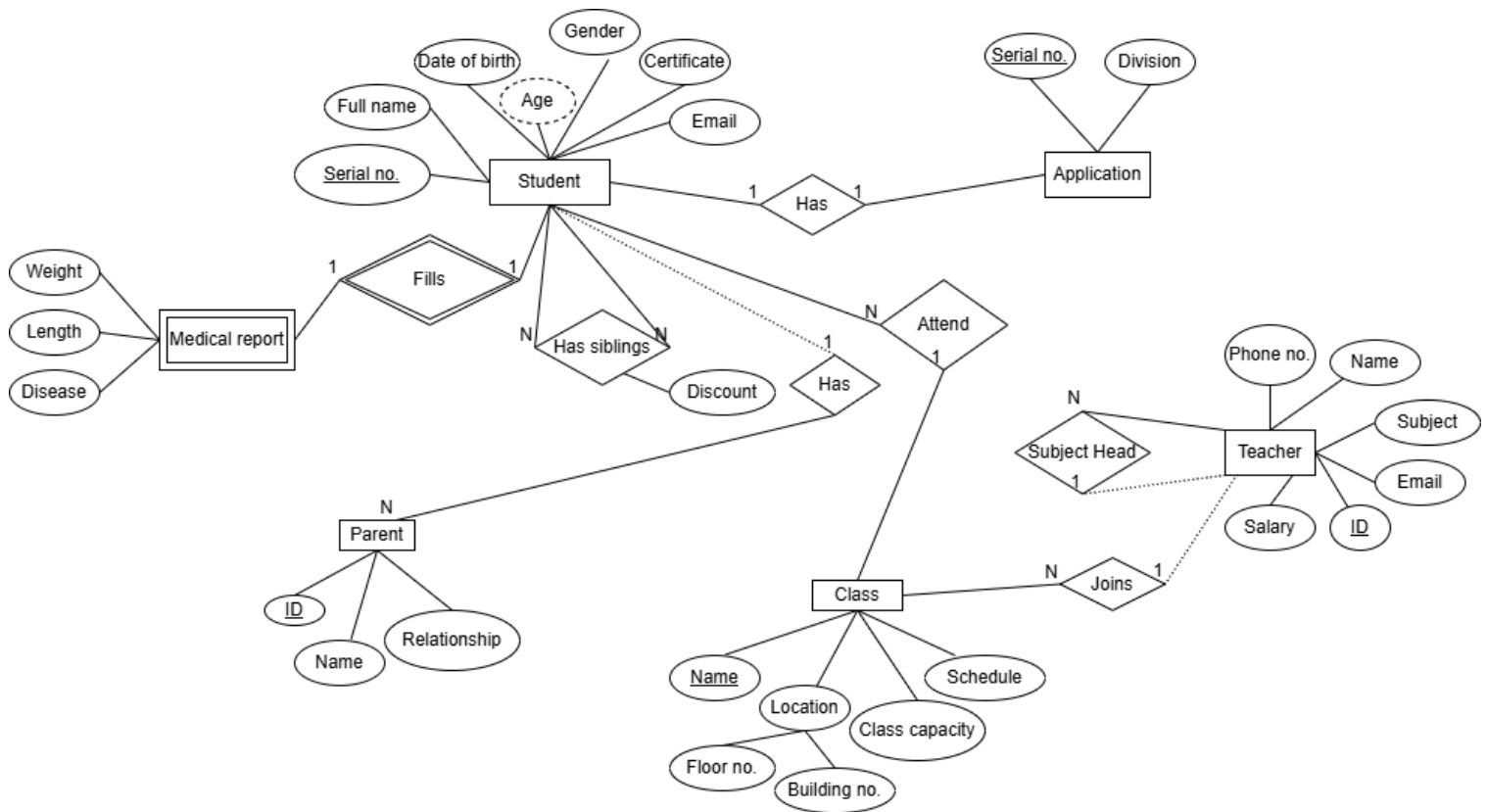
Order\_contains (#Order ID(FK), #Menu item Code(FK), Quantity)

Delivery\_boy (#National ID, Contact, Name)

Customer (#Code, Name, Contact)

## 4- International School Database System:

### a- ERD



### b- Mapping

Student (#Serial no., Full name, Date of birth, Gender, Certificate, Email, Application serial no., division)

Medical report (Student serial no.(FK), Weight, Length, Disease)

HasSiblings (#Student1 (FK), #Student2 (FK), Discount)

Parent (#ID, Name, Relationship, Student serial no. (FK))

Teacher (#ID, Salary, Email, Subject, Name, Phone no., Subject Heat ID (FK), Class Name (FK))

Class (#Name, Floor no., Building no., capacity, schedule)