

# Assignment 1

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Assignment: HW1

Date due: Feb 09, 11:59pm

I pledge that I have completed this assignment without collaborating with anyone else, in conformance with the NYU School of Engineering Policies and Procedures on Academic Misconduct.

## 1 RS1

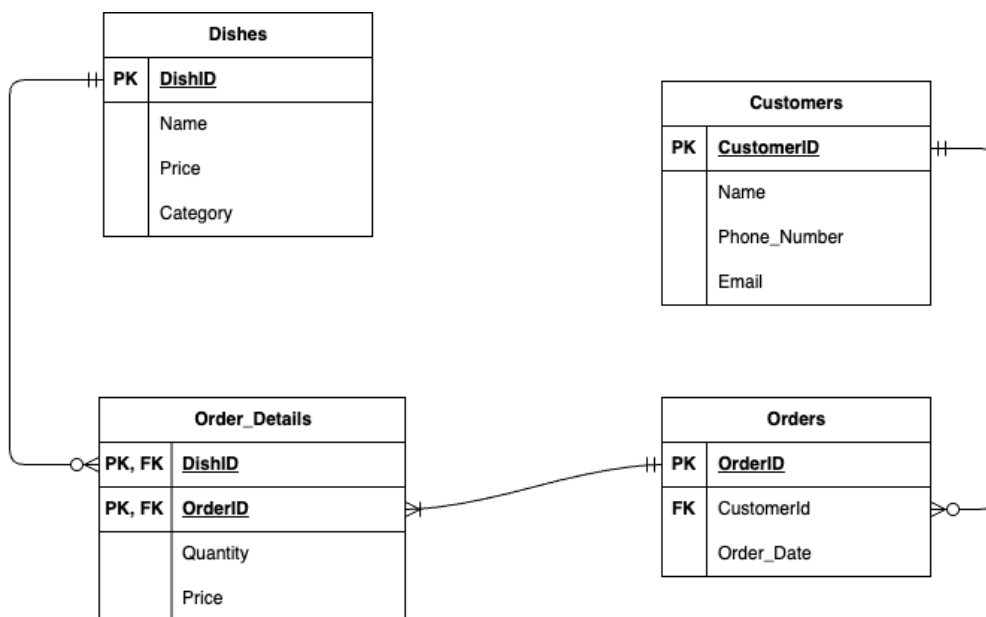


Figure 1: RS1

### 1.1 RM

customers(customerID, name, phone.number, email)

orders(orderID, @customerID, order.date)

dishes(dishID, name, price,category)

order\_details(@dishID, @orderID, quantity, price)

## 2 RS2

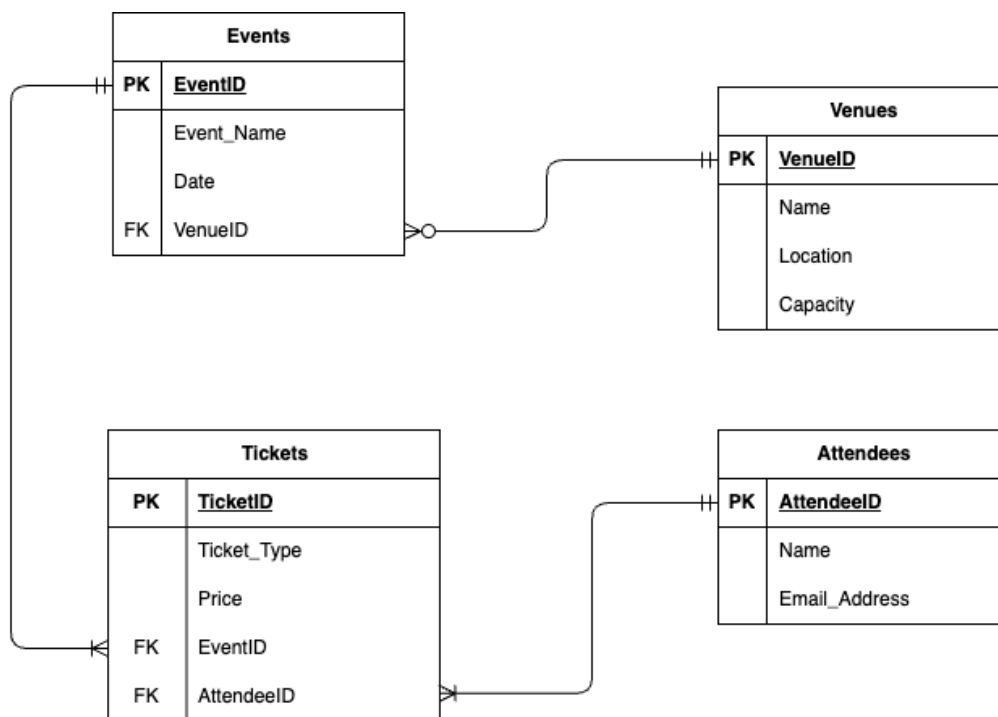


Figure 2: RS2

### 2.1 RM

events(eventID, event\_name, date, @VenueID)  
venues(venueID, name, location, capacity)  
attendees(@attendeeID, name, email\_address)  
tickets(ticketID, @eventID, @attendeeID, price, ticket\_type)

### 3 RS3

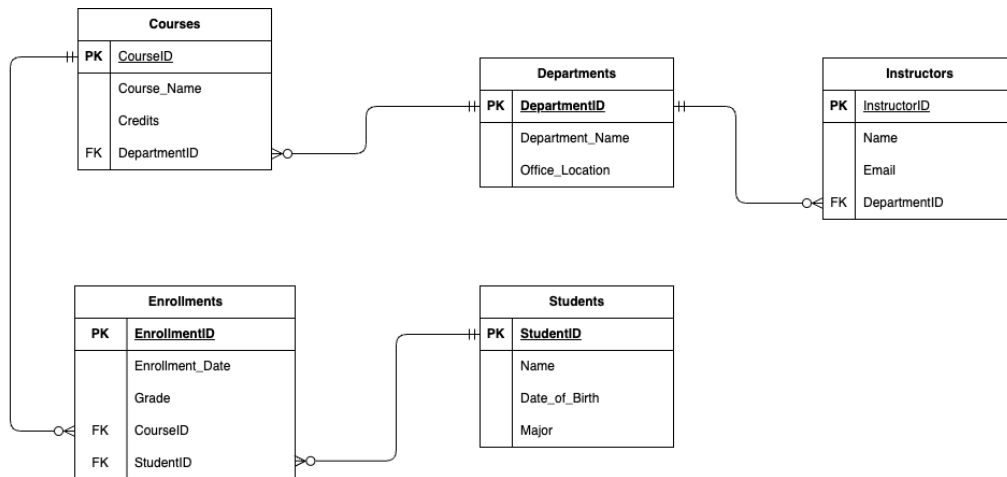


Figure 3: RS3

#### 3.1 RM

students(studentID, name, date\_of\_birth, major)

courses(courseID, course\_name, credits, @departmentID)

departments(departmentID, department\_name, office\_location)

enrollments(EntollmentID, @studentID, @courseID, grade, enrollment\_date)

instructors(instructorID, name, email, @departmentID)

### 4 RS4

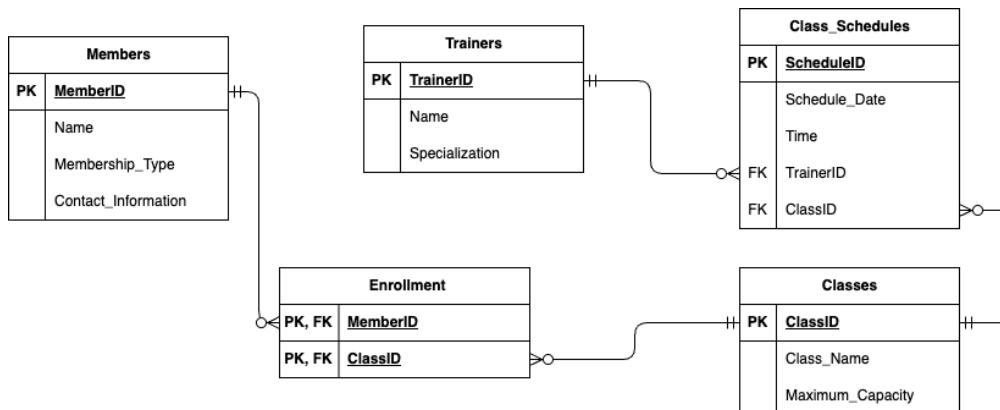


Figure 4: RS4

## 4.1 RM

members(memberID, name, membership\_type, contact\_info)

classes(classID, class\_name, maximum\_capacity)

enrollment(@memberID, @classID)

trainers(trainerID, name, specializations)

class\_schedules(scheduleID, @classID, @trainerID, schedule\_date, time)