

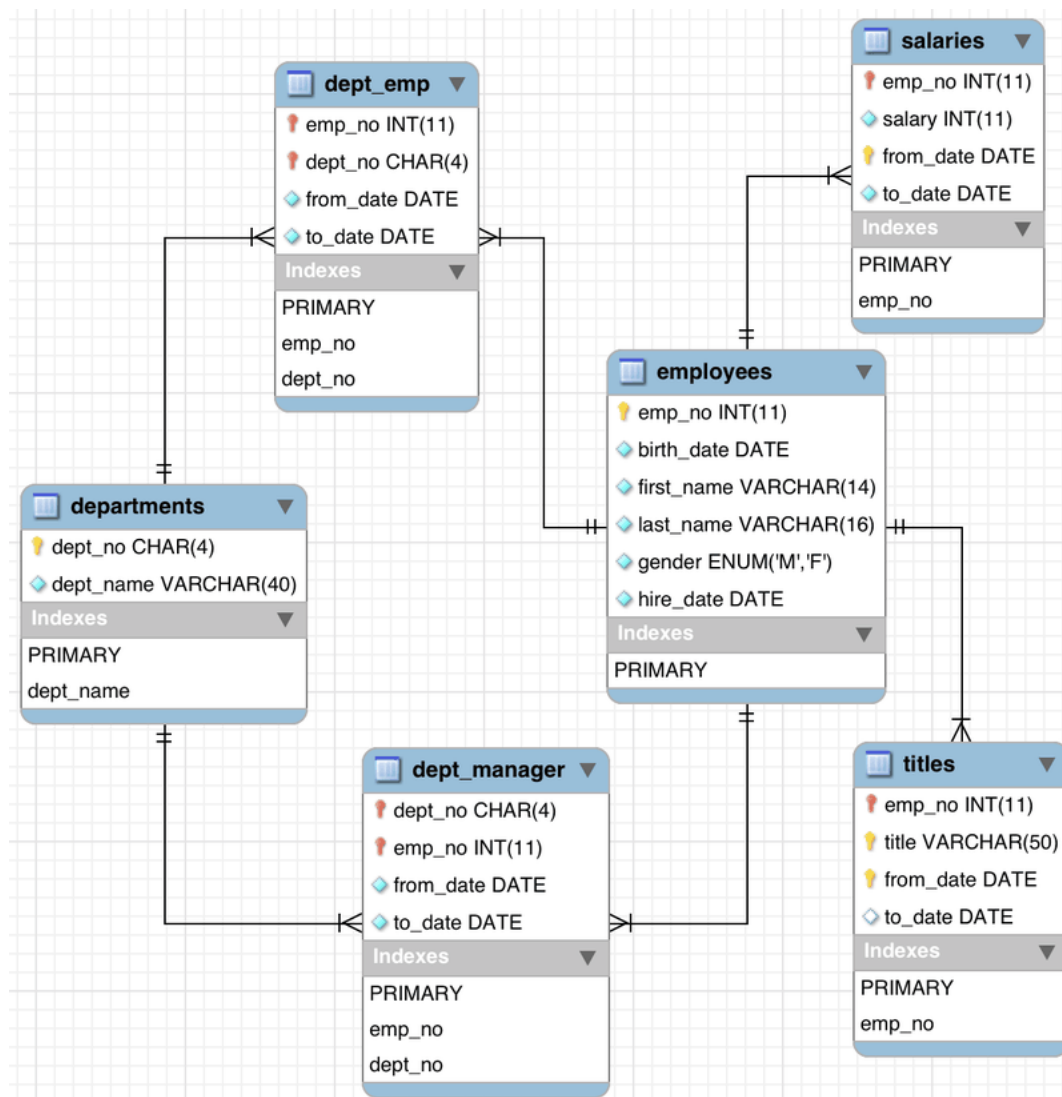
# Task#03

INSERT, UPDATE & DELETE

**Read this before starting:** Copy the queries in a text file and submit it on slate. Label the queries properly and do not send me (only) screenshots of the query.

## Question#01

Download the “employees.sql” script from slate and run it using the mysql console. After running the script you will get the following tables:



1. INSERT data in each of the tables.
  - a. Add a couple of employees and a couple of departments.
  - b. Add an existing employee in a department by inserting data into the dept\_emp table.
  - c. Add salaries for the added employees.
  - d. Add employee titles and managers of the departments.
2. UPDATE a number of records.

For Example:

- a. Change department of an employee.
  - b. Update an employees' salary.
  - c. Change the name of a department.
  - d. Change an employees' job title.
  - e. Change an employees' hire date.
3. DELETE a couple of records.

For example:

- a. DELETE every employee who was hired before February 2016.
  - b. DELETE all departments.
- etc.

## Question#02

Consider the following Tables:

p_id	p_name	units	unit_price	type	s_id
1005	Ponstan	100	15	Tablets	312
1421	Brufen	25	35	Syrup	657
3215	Avil	122	26	Syrup	478
1215	Flagyl	42	30	Tablets	987
7513	Avil	140	20	Injection	478
1216	Flagyl	10	35	Syrup	987
1007	Disprin	98	15	Tablets	320

**Table 1: products [p\_id(P.K), s\_id(F.K)]**

s_id	s_name	contact	city
320	Munir Brothers	0321-1234567	Karachi
312	Alliance Pharmaceuticals	0313-7654321	Peshawar
478	Abbot Pharmaceuticals	0300-9876543	Lahore
657	Sanofi Aventis	0333-5632476	Islamabad
987	Ferozsons laboratories	0301-1934257	Peshawar

**Table 2: suppliers [s\_id(P.K)]**

order_id	customer_name	order_date
22	Waleed Ali	11/25/2014
23	Azhar Akbar	12/02/2014
24	Shahzeb Khan	12/05/2014
25	Javed Iqbal	01/15/2015
26	Tariq Khan	06/23/2015

**Table 3: orders [order\_id(P.K)]**

p_id	order_id	units_purchased
1007	22	5
1216	22	1
1005	22	4
1421	23	1
1005	23	1
3215	23	2
7513	23	3
1421	24	2
1215	24	1
1005	25	5
1215	26	1
1421	26	3

**Table 4: order\_detail [(p\_id, order\_id)(P.k)]**

1. Create a database named "pharma".
2. Create tables with the primary and foreign key constraints as shown (with on cascade update and delete).
3. Insert the data as shown.
4. Change the name of supplier named *Munir Brothers* to *Muneer Brother*.
5. Delete the *Avil* syrup product from the product table, does it affect order\_detail table? If yes then how? If no then why?
6. Set unit\_price to 40 for all the products whose type is "Tablets".
7. Delete the order with the order\_id 22 from the orders table, does it affect order\_detail table? If yes then how? If no then why?
8. Delete all records from all 4 tables.
9. Delete all 4 tables.