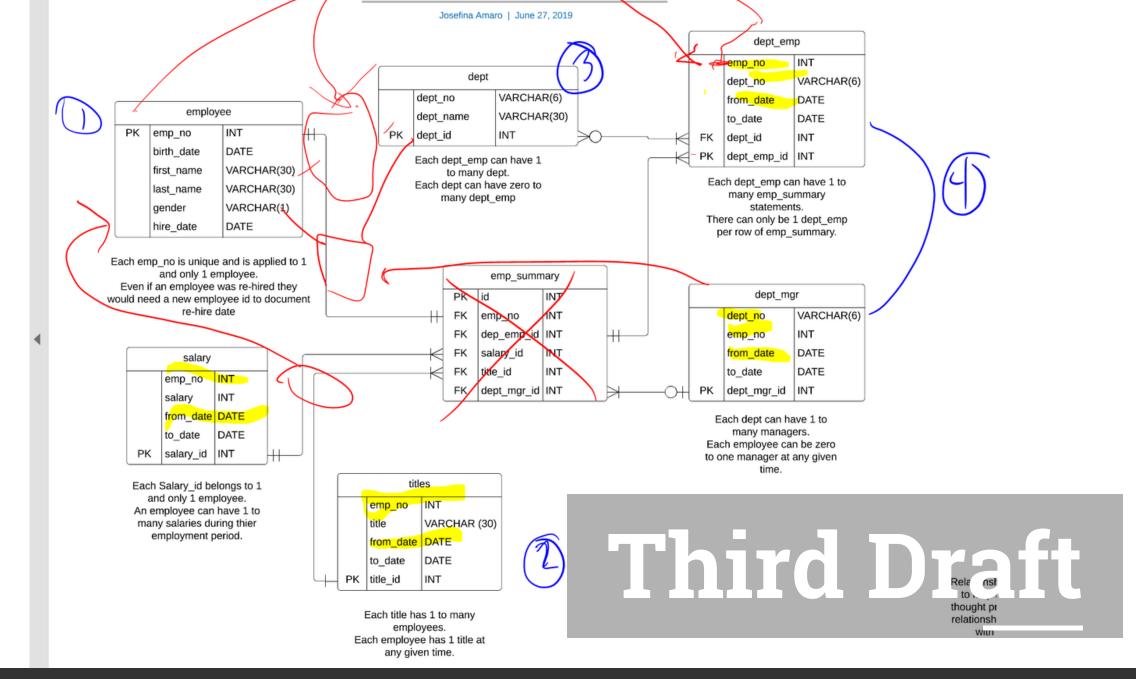




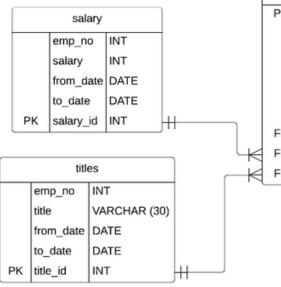
Second Draft



SQL Homework

Final Draft w/ Notes

Josefina Amaro | July 1, 2019



SALARY AND TITLES TO EMPLOYEE TABLES: Each salary_id and title_id can have 1 and only 1 employee id.

employee PK emp_no INT DATE birth date VARCHAR(30) first name VARCHAR(30) last name VARCHAR(1) gender hire date DATE dept_emp_id INT salary_id INT title id INT

EMPLOYEE TO SALARY
AND TITLES TABLES:
Each employee_id can have
1 to many titles and salaries
during their employement
period.

TABLE:

Each employee can only exist in 1 department during a period of time.

EMPLOYEE TO DEPT_EMP

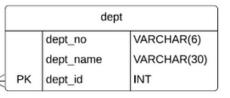
dept_emp INT emp no VARCHAR(6) dept_no DATE from date DATE to date dept id INT FΚ dept mgr id INT FΚ dept_emp_id INT

> DEPT_EMP TO DEPT TABLE:

Each department employee can belong to 1 or many departments during their employement period.

DEPT_EMP TO DEPT_MGR TABLE:

Each department can have 1 to many managers during a period of time.



DEPT TO DEPT_EMP TABLE:

Each department can have zero to many deptartment employees.

Note: dept_no is a string (d..etc) thus it can't be a primary key. Also a department # can be redesigned and changed.

	dept_mgr		
ľ		dept_no	VARCHAR(6)
l		emp_no	INT
l		from_date	DATE
l		to_date	DATE
1	PK	dept_mgr_id	INT

DEPT_MGR TO DEPT_EMP TABLE:

Each employee can be zero to one manager at any given time.

NOTES

Composite Primary Keys: Since the from date could be changed due to an adjustment, I decided to use a serial id instead.