

Free Diagram Documentation

Link to schema: <https://app.quickdatabasediagrams.com/#/d/5e2XSsw>

SQL Homework

UT-TOR-DATA-PT-01-2020-U-C Assignment

(c) Boris Smirnov

Departments

Field	Description	Type	Default	Other
dept_no		CHAR(4)		PK
dept_name		VARCHAR(20)		

Employees

Field	Description	Type	Default	Other
emp_no		INT		PK
birth_date		DATE		
first_name		VARCHAR(30)		
last_name		VARCHAR(30)		
gender		CHAR(1)		
hire_date		DATE		

Dept_managers

Field	Description	Type	Default	Other
dept_no	every department had several managers (one at a time) each manager managed only one department	CHAR(4)		FK
emp_no	every manager is an employee employee may be a manager or may be not	int		FK
from_date		DATE		
to_date		DATE		

Dept_emp

Field	Description	Type	Default	Other
emp_no	every department employee is company employee there are employees who worked for more then one department	INT		FK
dept_no	every department has many employees there are employees who worked in more then one department	CHAR(4)		FK

Field	Description	Type	Default	Other
from_date		DATE		
to_date		DATE		

Titles

Field	Description	Type	Default	Other
emp_no	an employee may have many titles (one at a time) every title have many employees	INT		FK
title		VARCHAR(30)		
from_date		DATE		
to_date		DATE		

Salaries

Field	Description	Type	Default	Other
emp_no	every salary was paid to one employee every employee was paid salary one or more times	INT		FK
salary		INT		
from_date		DATE		
to_date		DATE		