QUICK DBD

www.quickdatabasediagrams.com

Free Diagram Documentation

Link to schema: https://app.quickdatabasediagrams.com/#/d/Q3djkX

departments

Simple Conceptual ERD

Field	Description	Type	Default	Other
dept_no		VARCHAR(10)		PK
dept_name		VARCHAR(10(		

employees

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

dept_emp

Field	Description	Type	Default	Other
emp_no	employee can belong to one or many departments. So, this is a one or many(dept_emp) to one (employee) relationship	INTEGER		FK
dept_no	dept_emp can belong to one or many departments. And a department can have one or many dept_emp So, this is a many (department) to many(dept_emp) relationship.	VARCHAR(10)		FK
from_date		DATE		
to_date		DATE		

dept_manager

Field	Description	Type	Default	Other
dept_no	dept_manager can belong to one or many departments. And a department can have one or many dept_manager So, this is a many (department) to many(dept_manager) relationship.	VARCHAR(10)		FK
emp_no	employee can be manager of zero, one, or many departments or be manager of different departments over time. So, this is a zero or many (department managers) to one (employee) relationship.	INTEGER		FK
from_date		DATE		
to_date		DATE		

salaries

Field	Description	Type	Default	Other
emp_no	employee can have one or many salary numbers over time. So, this is a one or many (salaries) to one (employee) relationship.	INTEGER		FK
salary		INTEGER		
from_date		DATE		
to_date		DATE		

titles

Field	Description	Type	Default	Other
emp_no	employee can have one or many titles so, this is a one or many (titles) to one (employee) relationship.	INTEGER		FK
title		VARCHAR(30)		
from_date		DATE		
to_date		DATE		