Quick DBD Code:

Employees

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emp\_no PK INT

emp\_title\_id VARCHAR FK - Titles.title\_id

birth\_date DATE

first\_name VARCHAR

last\_name VARCHAR

sex VARCHAR

hire\_date DATE

Titles

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title\_id PK VARCHAR

title VARCHAR

Salaries

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emp\_no PK INT FK - employees.emp\_no

salary INT

Departments

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dept\_no PK VARCHAR

dept\_name VARCHAR

Department\_Employees

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emp\_no PK INT FK - Employees.emp\_no

dept\_no VARCHAR FK - Departments.dept\_no

Department\_Manager

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dept\_no PK VARCHAR FK - Departments.dept\_no

emp\_no PK INT FK - Employees.emp\_no

A screenshot of a computer

Description automatically generated

SQL Code:

CREATE TABLE titles (

title\_id VARCHAR NOT NULL,

title VARCHAR NOT NULL,

PRIMARY KEY (title\_id)

);

CREATE TABLE employees (

emp\_no INT NOT NULL,

emp\_title\_id VARCHAR NOT NULL,

birth\_date DATE NOT NULL,

first\_name VARCHAR NOT NULL,

last\_name VARCHAR NOT NULL,

sex VARCHAR NOT NULL,

hire\_date DATE NOT NULL,

FOREIGN KEY (emp\_title\_id) REFERENCES titles (title\_id),

PRIMARY KEY (emp\_no)

);

CREATE TABLE salaries (

emp\_no INT NOT NULL,

salary INT NOT NULL,

FOREIGN KEY (emp\_no) REFERENCES employees (emp\_no),

PRIMARY KEY (emp\_no)

);

CREATE TABLE departments (

dept\_no VARCHAR NOT NULL,

dept\_name VARCHAR NOT NULL,

PRIMARY KEY (dept\_no)

);

CREATE TABLE dept\_emp (

emp\_no INT NOT NULL,

dept\_no VARCHAR NOT NULL,

FOREIGN KEY (emp\_no) REFERENCES employees (emp\_no),

FOREIGN KEY (dept\_no) REFERENCES departments (dept\_no),

PRIMARY KEY (emp\_no, dept\_no)

);

CREATE TABLE dept\_manager (

dept\_no VARCHAR NOT NULL,

emp\_no INT NOT NULL,

FOREIGN KEY (emp\_no) REFERENCES employees (emp\_no),

FOREIGN KEY (dept\_no) REFERENCES departments (dept\_no),

PRIMARY KEY (dept\_no, emp\_no)

)

Select \* From salaries;