**Tạo database:**

CREATE DATABASE IF NOT EXISTS database\_thanhtuan

CHARACTER SET 'utf8' COLLATE 'utf8\_general\_ci'

**Tạo bảng**

* **Tạo bảng employeer**

CREATE TABLE employees (

emp\_no INT(10) NOT NULL AUTO\_INCREMENT,

birth\_day DATE,

first\_name VARCHAR(14) NOT NULL,

last\_name VARCHAR(16) NOT NULL,

gender INT(10) NULL DEFAULT 0,

hire\_date DATE,

PRIMARY KEY (emp\_no)

)

* **Tạo bảng salaries**

CREATE TABLE salaries (

emp\_no INT(10) NOT NULL,

salary INT(11) NOT NULL,

from\_date DATE NOT NULL,

to\_date DATE NOT NULL,

PRIMARY KEY (emp\_no, from\_date),

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

)

* **Tạo bảng titles**

CREATE TABLE titles (

emp\_no INT(10) NOT NULL,

title VARCHAR(50) NOT NULL,

from\_date DATE NOT NULL,

to\_date DATE NOT NULL,

PRIMARY KEY (emp\_no, title, from\_date)

)

ALTER TABLE titles ADD FOREIGN KEY(emp\_no) REFERENCES employees(emp\_no)

* **Tạo bảng departments**

CREATE TABLE departments (

dept\_no CHAR(4) NOT NULL,

dept\_name VARCHAR(40) NOT NULL,

PRIMARY KEY (dept\_no)

)

* **Tạo bảng dept\_manager**

CREATE TABLE dept\_manager (

dept\_no CHAR(4) NOT NULL,

emp\_no INT(10) NOT NULL,

from\_date DATE NULL,

to\_date DATE NULL,

PRIMARY KEY (emp\_no, dept\_no)

)

ALTER TABLE dept\_manager ADD FOREIGN KEY(emp\_no) REFERENCES employees(emp\_no)

ALTER TABLE dept\_manager ADD FOREIGN KEY(dept\_no) REFERENCES departments(dept\_no)

* **Tạo bảng dept\_emp**

CREATE TABLE dept\_emp (

emp\_no INT(10) NOT NULL,

dept\_no CHAR(4) NOT NULL,

from\_date DATE NULL,

to\_date DATE NULL,

PRIMARY KEY (emp\_no, dept\_no)

)

ALTER TABLE dept\_emp ADD FOREIGN KEY(emp\_no) REFERENCES employees(emp\_no)

ALTER TABLE dept\_emp ADD FOREIGN KEY(dept\_no) REFERENCES departments(dept\_no)

