

SQLite Employee Database Project

This project was part of a database systems course where I designed a relational database schema using SQLite. The goal was to model an employee management system that captures information about employees, the departments they work in, and their job positions. This database demonstrates my understanding of primary keys, foreign key constraints, and table relationships.

Database Schema

```
CREATE TABLE Employee (  
    emp_id INTEGER PRIMARY KEY,  
    emp_name TEXT NOT NULL,  
    emp_age INTEGER,  
    emp_department_id INTEGER,  
    emp_position_id INTEGER,  
    FOREIGN KEY (emp_department_id) REFERENCES Department(dept_id),  
    FOREIGN KEY (emp_position_id) REFERENCES Positions(pos_id)  
);  
  
CREATE TABLE Department (  
    dep_id INTEGER PRIMARY KEY,  
    d_name TEXT NOT NULL  
);  
  
CREATE TABLE Positions (  
    rank INTEGER PRIMARY KEY,  
    p_title TEXT NOT NULL  
);
```