**Schema:**

Units(UnitId, UnitName, UnitType, UnitChief, UnitCreationDate, UnitStatus)

Employees(EmployeeId, EmployeeName, Unit, DateOfJoining, EmployeeAddress, EmployeeDOB, EmployeSSN, EmployeeRank, EmployeeHeight, EmployeeWeight, EmployeeRace, PhotoFileName)

Vehicles(VehicleId, PlateNumber, Make, Model, Year, DatePurchased, Assignment)

Logs(LogId, MadeBy, Code, Type, DateOccured, Location, Time, Evidence, Parties, Action, Notes)

Description:

I created a full stack web application database using react js for the front end, python django api for the back end, and SQLite for the database. I decided to create a Police Force database as it would be unique. Within the database you can see the 4 tables I have created. The 4 tables, Units, Employees, Vehicles, and Logs are all based on real life instances of actual police force databases. The web front feature not on the 4 tables but navigation buttons between all of the tables. The tables include entities of data for each attribute with update and delete buttons.

Instructions to compile:

-pip install django@3.4.5

-pip install djangorestframework

-pip install django-cors-headers

-cd DjangoAPI

-python manage.py runserver

-Open new terminal

-cd my-app

-npm star

-Press y when asked