ScriptDrop Interview Project

Hello and welcome! Thank you for your interest in ScriptDrop. This is the first step towards joining our team! The goal of this project is to build a smaller version of a prescription delivery service. This application should be implemented in the latest version of Elixir and Phoenix.

Timeframe

- ~2 days

Goals

- Gauge Elixir / Phoenix experience
- Review implementation
- Gauge over / under engineering
- Observe testing habits
- Review code quality / readability
- Gauge feedback

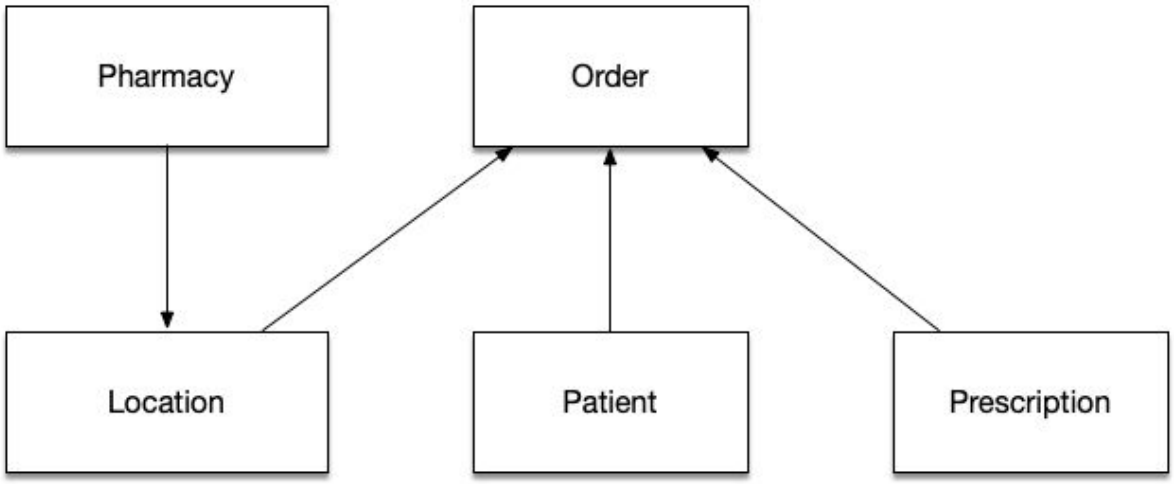
Deliverables

- A Github repository containing your Phoenix application
- Answers to these questions:
    - What was the hardest part of implementation?
    - What would be your next task if you had more time?
    - How could this project be more interesting?

Project

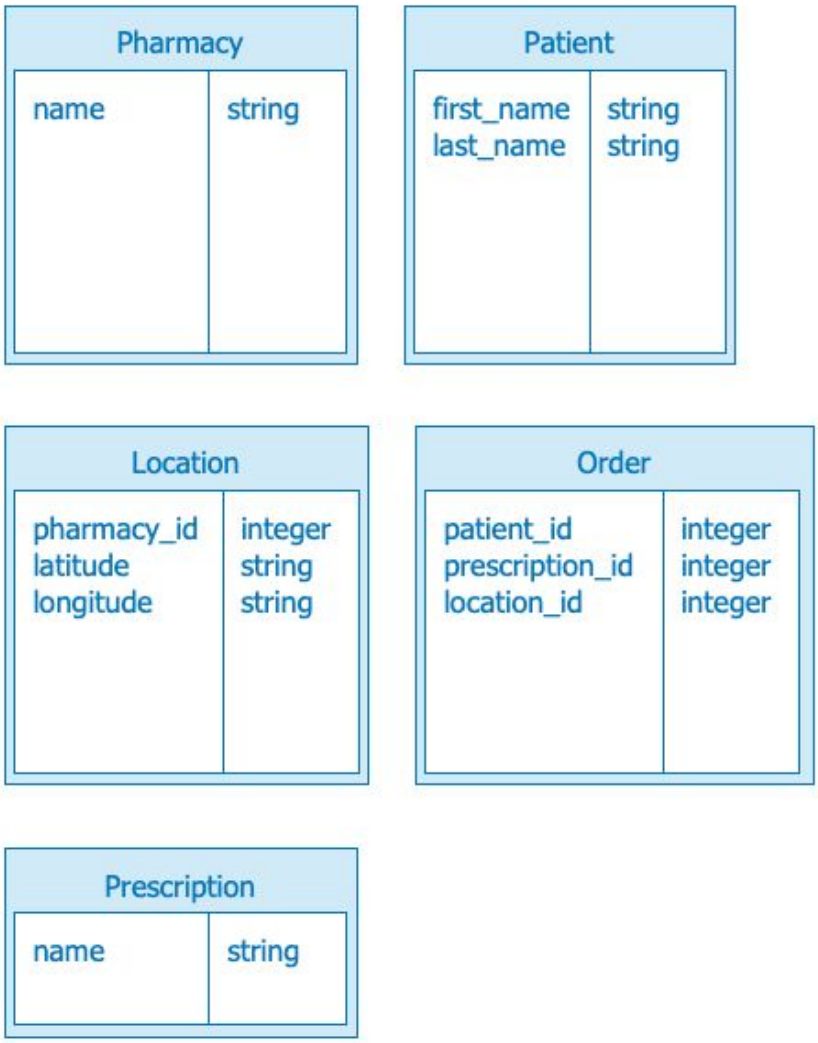
- Implement the below schema in Elixir/Phoenix
    - SVC (with Templates!)
    - Database migrations
    - Unit tests in ExUnit
- Create CRUD interfaces for each schema
- Add **comeonin** so that **Pharmacies** can log in to their account and enter an order. (Note that you can add fields to the schema to support **comeonin**)

Logical Schema



A Pharmacy has many Locations
A Location has many Orders
An Order belongs to a Patient
An Order has one Prescription

Initial Database Schema



Sample Seeds

```
pharmacy1 = %Pharmacy{name: "Alfa Pharmacy"}
pharmacy2 = %Pharmacy{name: "Bravo Pharmacy"}

location1 = %Location{latitude: "39.9612", longitude: "82.9988"}
location2 = %Location{latitude: "40.9612", longitude: "72.9988"}

prescription1 = %Prescription{name: "Allegra"}
prescription2 = %Prescription{name: "Rolaids"}

patient1 = %Patient{first_name: "First", last_name: "User"}
patient2 = %Patient{first_name: "Second", last_name: "User"}
```