London School Joggers

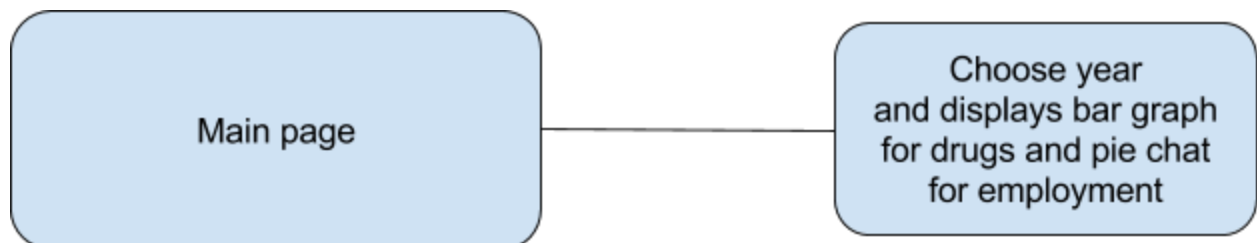James Yang, Lindsey Ma, Stiven Peter

Overview

Our website is to utilize data from the CORGIS datasets in order to see particular trends in employment and drugs throughout the past few decades. We will be utilizing the d3 javascript framework to display the graphs. Specifically, we will use pie charts to represent the employment vs. unemployment ratio and bar graphs to portray the usage of various drugs.
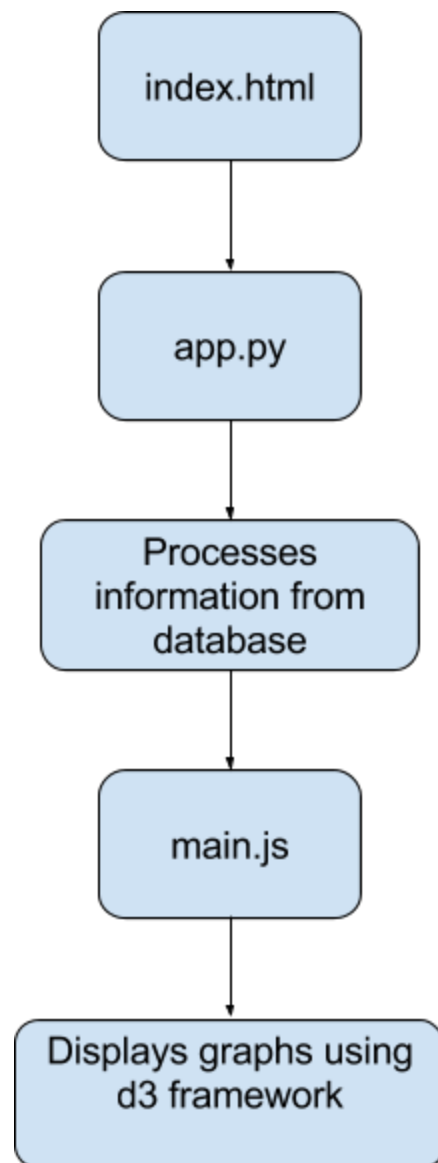
Components

- app.py
  - Renders templates
  - Run application
- main.js
  - Create graphs using d3 framework
  - Contains event listeners for buttons
- d3.js
  - d3 javascript framework
- index.html
  - Displays home page and graphs
  - Buttons for different diseases
- *.db
  - CORGI databases
- *.py
  - CORGI python files

Site Map

Component Map

```
┌─────────────┐
│  index.html │
└─────────────┘
       │
       ▼
┌─────────────┐
│   app.py    │
└─────────────┘
       │
       ▼
┌─────────────┐
│  Processes  │
│information from│
│  database   │
└─────────────┘
       │
       ▼
┌─────────────┐
│   main.js   │
└─────────────┘
       │
       ▼
┌──────────────────┐
│Displays graphs using│
│   d3 framework   │
└──────────────────┘
```

Role Delegation

- James Yang - Javascript
- Lindsey Ma - Project Manager, Flask app
- Stiven Peter - HTML, CSS

Tentative Timeline

- 3/29
  - Setup app.py
- 4/1
  - Finish javascript for graphs
- 4/3
  - Debug and cleanup code