

## **CareConnect Technical Report**

### **Motivation**

The motivation behind CareConnect stems from an increasing need for accessible and reliable healthcare information and services. In order to address this need, our team has decided to create CareConnect, which will be a website providing users with accurate and up-to-date information about illnesses, treatments, and medical providers. Our approach for these functions will be “Diagnose and Treat”, where CareConnect will provide the connecting information needed to diagnose an illness, find treatments for the illness, and find medical providers for the treatment. With these features, we aim to provide users with the necessary tools to make informed decisions about their health.

### **User Stories**

These are the user stories:

As a user I want to be able to access the website on my machine.

As a customer, I want to search for an illness and see related drugs needed.

As a user, I would like to see the side effects of different drugs and their possible connections to illnesses.

As a customer, I would like to input any health issues I'm having and be recommended over the shelf medications that could help.

As a customer, I want to learn know the health care plans available to me in my city

### **RESTful API**

The RESTful APIs being used are the WHO Athena API for illness information, the FDA Drug API for treatment drug information, and the NPPES Medical Provider API for treatment provider information.

### **Models**

#### **Tools**

Bootstrap, AWS s3, Docker, Postman

#### **Hosting**