Special Instructions

Team Name: Liver More

Project Name: Project Livermore

Github link: https://github.gatech.edu/gt-hit-spring2018/Project-Livermore

Team Members:

- Jennifer Reina
- Rafay Syed
- Marcos Jorge
- Cheryl Lockett
- Andrew Lam

Instructions: Run over VPN to HDAP

1. Launch your desired web browser.

2. If running from the Georgia tech VPN, type the following into the address bar and press Enter/Return on the keyboard (wait 2-3 minutes for it to load before using it):

```
https://cs6440-s18-prj14.apps.hdap.gatech.edu
```

> *No other special instructions are needed to launch the application since we are using the HDAP pipeline.*

Instructions: Run Locally

If running locally (instructions assume docker and docker-compose are installed on your system),

1. Change to the base directory and run docker-compose to build and start.

```
cd Project-Livermore/project
docker-compose up --build
```

2. Wait about 3 minutes, launch your browser, and type the following address in the address bar and press Enter/Return on the keyboard:

```
localhost:5000
```

3. The FHIR server is located at port 8080, so if desired, it can be visited with the web browser at:

```
localhost:8080
```

The following are commands that were useful to us while troubleshooting and running specific tests.

Connect to database while running

Type this on the host command line to get to the mysql command line (instructions assume a MySql client is installed on your system):

```
mysql -u iwant -pmoreLiverPlease --protocol=TCP
```

Connect to the livermore database:

```
USE livermore;
```

View all patients from the Patient table:

```
SELECT * FROM Patient;
```

Run an individual container

The following instructions pertain to standalone containers without network connections to one another.

```
cd <directory (one of pl-webui, pl-mysql, pl-fhircxn)>
```

Copies web folder to container

Put files in the web folder in the pl-webui directory.
There should be an app.py file in there. That’s where index.html should go

too.

```
docker build -t pl-webui .
docker run -it -p 5000:5000 pl-webui
```

Data Base

```
docker build -t pl-mysql .
docker run -it -p 3306:3306 pl-mysql
```

FHIR connector program

```
docker build -t pl-fhircxn .
docker run -it pl-fhircxn
```

FHIR server

```
docker build -t pl-fhir .
docker run -it pl-fhir
```