Asthma-Control

Docker Environment

- Current Docker version 18.03.0-ce, build 0520e24
- Current docker-compose version 1.18.0, build 8dd22a9

Clone repo

```
$ git clone https://github.gatech.edu/gt-hit-spring2018/Asthma-Control.git
$ cd Asthma-Control/
```

The project can be run either in docker, or locally.

A) Run in docker:

```
# docker maven build
$ mvn clean package docker:build

# start project
$ docker-compose up
```

B) Test/Run locally

- run MySQL docker container

```
$ docker run \
-e MYSQL_ROOT_PASSWORD=p4$$W0rd \
-e MYSQL_DATABASE=epidemics \
-e MYSQL_USER=epidemics \
-e MYSQL_PASSWORD=epidemics \
-p 3306:3306 \
--name mysql \
--mount
type=bind,source=/home/atalati/Documents/Asthma-Control/database/,target=/docker-en
trypoint-initdb.d \
mysql
```

- run FHIR docker container

```
$ docker run -p 8080:8080 --name fhir
johnson325/hapi-fhir-jpaserver:stu3-ext-6-patient
```

- After the MySQL is up, run following command to start the web server

```
# local maven build
$ mvn clean package
```

```
# run web server locally (profiles.active=local)
java -Djava.security.egd=file:/dev/./urandom -Dspring.profiles.active=local -jar
target/epidemics-web.jar
```

Access the application

- Navigate to http://localhost:8081/