# 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/
```

## Point to desired FHIR Server URL

Navigate to /src/main/resources/application.properties and replace fhir_baseUrl config parameter with desired parameter

```
fhir_baseUrl=http://localhost:8080/baseDstu3
```

## Running the Application

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-entr`
 `ypoint-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
```

*Web App URL [http://localhost:8081/](http://localhost:8081/)*


*Local FHIR Server URL [http://localhost:8080/](http://localhost:8080/)*