

# Special Instructions

To run the application, Docker and Docker Compose are required. The versions tested against during development were Docker 17.09.0 and Docker Compose 1.16.1, however most recent versions should work properly.

Assuming proper installation and the Docker daemon is running, the application can be launched using the following command from the current "Final Delivery" directory where the `docker-compose.yml` file is located. If you are in the project root, a copy of the file will be there as well.

```
docker-compose up
```

On first run, this will pull four images from Docker Hub which may take several minutes depending on your Internet connection speed.

Once the images are pulled, four containers will be launched. The logs of each container will be printed to the console. The container running the FHIR server takes the longest to bootstrap due to it being a Java Web application. The FHIR server is ready once you see a log statement like the following (but with a different date and startup time).

```
fhir_1 | 2017-11-29 20:11:28.935:INFO:oejs.Server:main: Started @26840ms
```

At this point you can now navigate to the frontend by going to the Web address `http://localhost:5931` in your browser of choice.