

Special Instruction

Individual-Health-Record Team Awesome

Fall 2018 CS6440

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Setup the docker

Download and shared drive

1. Go to the website to download install file
<https://www.docker.com/products/docker-desktop>
2. Right click the docker icon, click "Settings"
3. Click "Shared Drive", you can check C drive.

Setup Kitematic

1. Right click the docker icon, click "Kitematic"
2. Click "Download", then extract the zipfile downloaded.
3. Copy the extracted folder inside the Docker folder, e.g. C:\Program Files\Docker.
Then rename the folder as "Kitematic", remove the os part of name.

Run Container Using Compose

1. go to top level directory of the repository pulled from team repo.
<https://github.gatech.edu/gt-cs6440-hit-fall2018/Individual-Health-Record-IHR-Prototype>
2. In powershell, navigate to the project folder level, run "*docker-compose build*"
3. Then run "*docker-compose up*"

The database container and the main web app container will be built and started

Start the Webpage

Open a browser, <http://localhost:3000>

You should be able to see the website now!

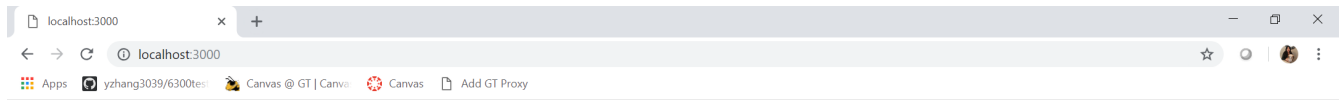


Figure 1. Website

Development

Following are the special instructions for carrying on development work

Node.js

For continue on development code, you need to install Node.js

<https://nodejs.org/en/download/>

Node.js is for write applications in JavaScript on the server

Install Package

NPM is included in the Node.js installation.

In the ihr-webap level: *Individual-Health-Record-IHR-Prototype/ihr-webap*

run "*npm install*", then

run "*npm start*"

View the Website

Now Open a browser, type "localhost:3000" in the address bar

You should be able to see the website now, similar to running docker [to the login page](#)

View and Edit Source Code

Download tool

We recommend Visual Studio, or VS code <https://visualstudio.microsoft.com/downloads/>

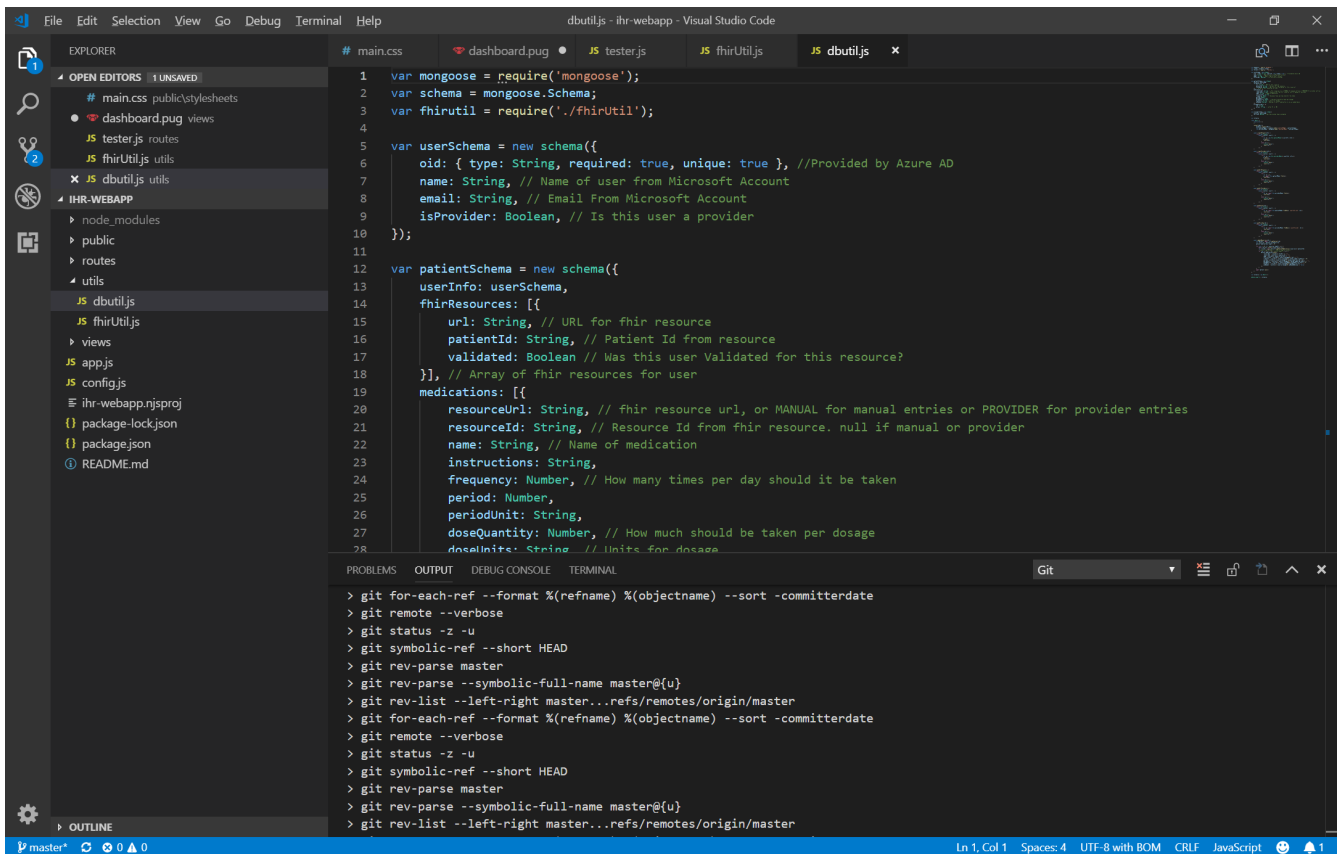


Figure 2. Project Structure

MongoDB

Here is the MongoDB download page

<https://www.mongodb.com/download-center/community>