

Ed Hayes – Lab 3-2 report

1A: Cerner App

Ok, I am pretty sure that I got this one right.

Developer Portal

https://github.gatech.edu/pages/ehayes9/lab-3-2/SMART App LauncherFhir.js methods and their client-...

github.gatech.edu/pages/ehayes9/lab-3-2/

AppsBookmarksBarBookmarksMenuFXIRTradingSettings - All cooki...ProgrammingMusicThe BookGa TechCplusplusBerkeleyGrateful Dead Backi...Other bookmarks

Patient Name: Joe Smarty SMART / JOE SMART / STEPHEN ALLEN SMART / JOE SMART Gender: male DOB: 1976-04-29

Height	72 in	Weight	166 lb	Systolic Blood Pressure	undefined	Diastolic Blood Pressure	undefined
LDL	undefined	HDL	41 mg/dL				
<div>Add an Annotation for the Weight Observation</div> <div><input type="text"/></div> <div>Add</div> <div>Latest Annotation</div> <ul style="list-style-type: none">No annotations				<div>Medication Requests</div> <div>["Buprenorphine 8 MG Sublingual Tablet", "Vancomycin", "Levofloxacin"]</div>			

1B: SmartApp Launcher

I almost got the whole thing here, but I was not able to figure out the weight issue correctly. I know I need to access weight field associated with Rank=593, but I did not have enough time to figure out how to parse that object.

On the bright side, not only did I get a good text box going, I also read

<https://piazza.com/class/kdtxm9hw2l71ev?cid=526> and learned that the ISO format would be acceptable for the timestamp. In a way, it would be kind of pointless to have an ISO if ISO were not acceptable.

The screenshot shows a web application interface for a patient named Charita Adams. The interface is displayed within a browser window with multiple tabs open. The patient information at the top is: Patient Name: Charita Adams, Gender: female, DOB: 1999-11-13.

The main content area is divided into several sections:

- Height:** 161.7 cm
- Weight:** undefined
- Systolic Blood Pressure:** 105.34 mm[Hg]
- Diastolic Blood Pressure:** 78.5 mm[Hg]
- LDL:** undefined
- HDL:** undefined

Below the data points, there are two main sections:

- Add an Annotation for the Weight Observation:** This section includes a text input field with the value "Weight loss success!", a blue "Add" button, and a "Latest Annotation" section. The latest annotation is a bullet point: "Weight loss success!", updated by R. Buckminster Fuller on 2020-10-05T05:08:41.982Z.
- Medication Requests:** This section contains a list of medications: ["Acetaminophen 325 MG Oral Tablet", "Yaz 28 Day Pack", "Trinessa 28 Day Pack"].

The Links

2: SMART on FHIR app launcher:

https://launch.smarthealthit.org/?auth_error=&fhir_version_1=r4&fhir_version_2=r4&iss=&launch_ehr=1&launch_url=https%3A%2F%2Fgithub.gatech.edu%2Fpages%2Fehayes9%2Flab-3-2%2Flaunch.html&patient=&prov_skip_auth=1&provider=&pt_skip_auth=1&public_key=&sb=&sde=&sim_ehr=0

For reasons that I do not understand, the Word version of the link goes to my specific page, but the PDF version of the link (sometimes) only goes to the general smart app launcher site.

3: GitHub Repository:

<https://github.gatech.edu/ehayes9/lab-3-2>