

Special Instructions

CDC Post-Discharge Stroke Data Reporting App - Phase 2

Team 1

Sarvenaz Laussermair - slaussermair3

Kyler Colgrove - kcolgrove3

Ilya Ivanov - iivanov8

David Jesse Moody - dmoody6

Joe Ilievich - jilievich3

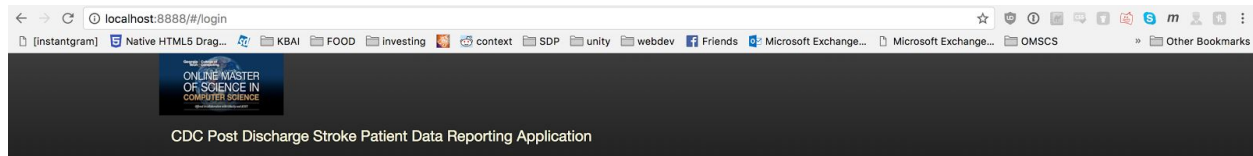
Github Link (course):

<https://github.gatech.edu/gt-hit-fall2017/CDC-Post-Discharge-Stroke-Patient-Data>

Github Link (CDC):

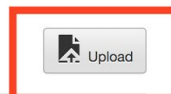
<https://github.com/CDCgov/GaTech-Fall2017-Srinivasan-Stroke-Team1>

1. Navigate to **localhost:8888** after running “docker-compose up”.



2. Login as admin in order to add different surveys
 - a. Username: admin
 - b. Password: password
 - c. Click Sign In
3. JSON Examples Surveys are found at <https://github.gatech.edu/gt-hit-fall2017/CDC-Post-Discharge-Stroke-Patient-Data/tree/master/strokeservice/src/test/resources/data>
 - a. Click upload and upload the desired json file. 7, 30, and 60 day surveys are provided at this link.
 - b. Wait for files to be populated
 - c. Select whether the desired questionnaire is desired to be active or not.

Administration



#	Questionnaire Schema Id	Is Active	Delete
1	7 day Stroke Followup Questionnaire	<input checked="" type="checkbox"/>	
2	30 day Stroke Followup Questionnaire	<input checked="" type="checkbox"/>	

4. Click sign out in order to sign in as an example user.
5. Login as nurse_jane in order to give surveys.
 - a. Username: nurse_jane
 - b. Password: password
 - c. Click Sign In
 - d. **IMPORTANT NOTE:** We use an external FHIR server at <http://fhirtest.uhn.ca/>, which means that it loops through 4041 encounters in this application. This causes the initial load of the patients to be relatively slow. Allow a few minutes for patients to populate. This was a request by the mentors to move from an asynchronous service to one that directly accesses the FHIR service every time.
 - i. **For Speed of Grading, the fhir server is not accessed in docker-compose up, the line “patientService.getPatientsFromFHIR();” is commented out of StrokeController.java. The simulated Patients are still loaded.**
6. Click the survey you wish to administer on the patient.
 - a. Only surveys close to the days since discharge should be able to be selected
 - b. Fill in with relevant data.
 - c. Click cancel to cancel submitting the survey.
 - d. Click Submit to submit the survey.
 - e. Allow A few minutes to repopulate the survey. See Note at 5.d.

ONLINE MASTER OF SCIENCE IN COMPUTER SCIENCE

CDC Post Discharge Stroke Patient Data Reporting Application

nurse_jane Sign out

30 day Stroke Followup Questionnaire

Patient's date of hospital discharge

2017-10-25

Hospital Admission Date (part of in-hospital dataset)

2017-10-18

Call placed

Was patient called for follow up post discharge?

Location of patient

Where is the patient at the time of follow-up call?

Selected Patient: Fred Flinstone
MRN #: 99900020
Encounter ID: 1055
Destination ID: 1

Submit

Cancel

7. Patients Data should now be populated
 - a. You can click CSV to download a CSV

b. You Can click JSON to download a JSON

Patient Name	Days Since Discharge	Questionnaire
Mark Waugh	378	7 day Stroke Followup Questionnaire ↓ CSV ↓ JSON 30 day Stroke Followup Questionnaire
Fred Flinstone	40	30 day Stroke Followup Questionnaire
Priyanka Chopra	9	7 day Stroke Followup Questionnaire