

Assignment 8

Course- CS 548

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In this assignment, you will use the curl command-line tool to test your application

Several test cases

Note- The ClinicApp was deployed on AWS EC-2 Instance running Glassfish 4.1

Patient operations:

1. Obtaining a single patient representation, given a patient resource URI.
GET /clinic-rest/resources/patient/id
Curl command used-
curl -X GET -D headers <http://54.212.202.136:8080/ClinicRestWebService-1.0.0/resources/patient/501>
2. Adding a patient to the clinic. The operation takes a patient representation (with no links to treatments) and returns a new patient URI in the response header.
POST /clinic-rest/resources/patient
Curl command-
curl -X POST -D headers -H "Content-Type: application/xml" -d @new-patient.xml
<http://54.212.202.136:8080/ClinicRestWebService-1.0.0/resources/patient>
new-patient.xml is included in root folder
3. Obtaining a single patient representation, given a patient identifier.
GET /clinic-rest/resources/patient/byPatientId?id=id
Curl command-
curl -X GET -D headers <http://54.212.202.136:8080/ClinicRestWebService-1.0.0/resources/patient/byPatientId?id=289852>
4. Obtaining a single treatment representation, from a treatment sub-resource of a patient, given a treatment resource URI.
GET /clinic-rest/resources/patient/id/treatments/tid
Curl Command-
curl -X GET -D headers <http://54.212.202.136:8080/ClinicRestWebService-1.0.0/resources/patient/501/treatments/503>

Provider Operations:

1. Adding a provider to the clinic. The operation takes a provider representation (with no links to treatments) and returns a new provider URI in the response header.

POST /clinic-rest/resources/provider

Curl command-

curl -X POST -D headers -H "Content-Type: application/xml" -d @new-provider.xml
<http://54.212.202.136:8080/ClinicRestWebService-1.0.0/resources/provider/>

new-provider.xml is included in root folder

2. Obtaining a single provider representation, given a provider NPI.

GET /clinic-rest/resources/provider/byNPI?id=np

Curl command

curl -X GET -D headers <http://54.212.202.136:8080/ClinicRestWebService-1.0.0/resources/provider/byNPI?id=222456798>

3. Obtaining a single provider representation, given a provider key.

GET /clinic-rest/resources/provider/id

Curl command

curl -X GET -D headers <http://54.212.202.136:8080/ClinicRestWebService-1.0.0/resources/provider/652>

4. Adding a treatment for a patient treated by this provider.

Curl command:

curl -X POST -D headers -H "Content-Type: application/xml" -d @new-treatment.xml
<http://54.212.202.136:8080/ClinicRestWebService-1.0.0/resources/provider/102/treatments>

5. Getting a treatment administered by this provider

GET /clinic-rest/resources/provider/id/treatments/tid

Curl command

curl -X GET -D headers <http://54.212.202.136:8080/ClinicRestWebService-1.0.0/resources/provider/102/treatments/103>

In this submission zip archive-

In the root folder, there is README.pdf, Project folder, ClinicApp.ear, new-patient.xml, new-provider.xml and video file that demonstrates the testing of the above functions.

Note:- Testing of all functions are in one video

Project folder is called Clinic