Assignment-8

Contents:

- My zip folder consists of 4 things:
    1. Folder named "Code".
    2. Video of the deployment of clinicapp.ear on ec2 instance.
    3. ClinicApp.ear file.
- I used postman instead of curl method as professor gave us the option.
- The first url for getting the patient information is as follows:
    1. http://ec2-107-21-71-79.compute-1.amazonaws.com:8080/ClinicRestWebService-1.0.0/resources/patient/1

    output:

    <?xml version="1.0" encoding="UTF-8" standalone="yes"?>

    <patientRepresentation
    xmlns:ns2="http://cs548.stevens.edu/clinic/service/web/rest/data">

      <ns2:id url="http://ec2-107-21-71-79.compute-1.amazonaws.com:8080/ClinicRestWebService-1.0.0/resources/patient/1"
    relation="http://cs548.stevens.edu/clinic/rest/relations/patient"
    mediaType="application/xml"/>

      <ns2:patient-id>12332112</ns2:patient-id>

      <ns2:name>Ishan Pandya</ns2:name>

      <ns2:dob>1992-11-27Z</ns2:dob>

      <ns2:age>24</ns2:age>

      <patientDtoFactory/>

    </patientRepresentation>

- The second url for getting information treatment is as follows:
    - http://ec2-107-21-71-79.compute-1.amazonaws.com:8080/ClinicRestWebService-1.0.0/resources/patient/4/treatment/7

        Output:

        <?xml version="1.0" encoding="UTF-8" standalone="yes"?>
        <treatmentRepresentation
        xmlns:ns2="http://cs548.stevens.edu/clinic/service/web/rest/data">
          <ns2:id url="http://ec2-107-21-71-79.compute-1.amazonaws.com:8080/ClinicRestWebService-1.0.0/resources/treatment/0"

```
    relation="http://cs548.stevens.edu/clinic/rest/relations/treatment"
    mediaType="application/xml"/>
      <ns2:patient url="http://ec2-107-21-71-79.compute-
    1.amazonaws.com:8080/ClinicRestWebService-1.0.0/resources/patient/0"
    relation="http://cs548.stevens.edu/clinic/rest/relations/patient"
    mediaType="application/xml"/>
      <ns2:provider url="http://ec2-107-21-71-79.compute-
    1.amazonaws.com:8080/ClinicRestWebService-1.0.0/resources/provider/0"
    relation="http://cs548.stevens.edu/clinic/rest/relations/patient"
    mediaType="application/xml"/>
      <ns2:diagnosis>Epitomic</ns2:diagnosis>
      <ns2:drugTreatment>
        <ns2:drugname>Asthama</ns2:drugname>
        <ns2:dosage>7.0</ns2:dosage>
      </ns2:drugTreatment>
      <repFactory/>
      <treatmentDtoFactory/>
    </treatmentRepresentation>
```

- The third url for adding the patient is as follows:
  - http://ec2-107-21-71-79.compute-1.amazonaws.com:8080/ClinicRestWebService-1.0.0/resources/patient

    the patient is added in the database according to the below xml file:

```
    <?xml version="1.0" encoding="UTF-8" standalone="yes"?>
    <patientRepresentation
    xmlns:ns2="http://cs548.stevens.edu/clinic/service/web/rest/data">
      <ns2:id url="http://ec2-107-21-71-79.compute-
    1.amazonaws.com:8080/ClinicRestWebService-1.0.0/resources/patient/1"
    relation="http://cs548.stevens.edu/clinic/rest/relations/patient"
    mediaType="application/xml"/>
      <ns2:patient-id>123456872</ns2:patient-id>
      <ns2:name>Ishita Sheth</ns2:name>
      <ns2:dob>1992-11-27Z</ns2:dob>
      <ns2:age>24</ns2:age>
      <patientDtoFactory/>
    </patientRepresentation>
```

    You can see the database records in the video file.