

## Assignment-7

### Contents:

- My zip folder consists of 4 things:
  1. Folder named "Code".
  2. Video of the deployment of clinicapp.ear on ec2 instance.
  3. WADL document named as application.wadl generated as the output of the project.
  4. ClinicApp.ear file.

The application.wadl document is as follows:

```
<application xmlns="http://wadl.dev.java.net/2009/02">
<doc xmlns:jersey="http://jersey.java.net/" jersey:generatedBy="Jersey:
2.25.1 2017-01-19 16:23:50"/>
<doc xmlns:jersey="http://jersey.java.net/" jersey:hint="This is simplified
WADL with user and core resources only. To get full WADL with extended
resources use the query parameter detail. Link: http://ec2-34-203-10-
94.compute-1.amazonaws.com:8080/clinic-
rest/resources/application.wadl?detail=true"/>
<grammars>
<include href="application.wadl/xsd2.xsd">
<doc title="Generated" xml:lang="en"/>
</include>
<include href="application.wadl/xsd0.xsd">
<doc title="Generated" xml:lang="en"/>
</include>
<include href="application.wadl/xsd1.xsd">
<doc title="Generated" xml:lang="en"/>
</include>
</grammars>
<resources base="http://ec2-34-203-10-94.compute-1.amazonaws.com:8080/clinic-
rest/resources/">
<resource path="/provider">
<method id="addProvider" name="POST">
<request>
<ns2:representation xmlns:ns2="http://wadl.dev.java.net/2009/02" xmlns="" ele
ment="providerRepresentation" mediaType="application/xml"/>
</request>
<response>
<representation mediaType="*/*/">
</response>
</method>
<resource path="byNPI">
<method id="getProviderByProviderId" name="GET">
<request>
<param xmlns:xs="http://www.w3.org/2001/XMLSchema" name="id" style="query" ty
pe="xs:string"/>
</request>
<response>
<ns2:representation xmlns:ns2="http://wadl.dev.java.net/2009/02" xmlns="" ele
ment="providerRepresentation" mediaType="application/xml"/>
</response>
```

```
</method>
</resource>
<resource path="{id}/treatments/{tid}">
<param xmlns:xs="http://www.w3.org/2001/XMLSchema" name="id" style="template"
  type="xs:string"/>
<param xmlns:xs="http://www.w3.org/2001/XMLSchema" name="tid" style="template
" type="xs:string"/>
<method id="getProviderTreatment" name="GET">
<response>
<representation mediaType="application/xml"/>
</response>
</method>
</resource>
<resource path="site">
<method id="getSiteInfo" name="GET">
<response>
<representation mediaType="text/plain"/>
</response>
</method>
</resource>
<resource path="{id}/treatments">
<param xmlns:xs="http://www.w3.org/2001/XMLSchema" name="providerId" style="t
emplate" type="xs:string"/>
<method id="addTreatments" name="POST">
<request>
<param xmlns:xs="http://www.w3.org/2001/XMLSchema" name="X-
Patient" style="header" type="xs:string"/>
<ns2:representation xmlns:ns2="http://wadl.dev.java.net/2009/02" xmlns="" ele
ment="treatmentRepresentation" mediaType="application/xml"/>
</request>
<response>
<representation mediaType="*/*/"/>
</response>
</method>
</resource>
<resource path="{id}">
<param xmlns:xs="http://www.w3.org/2001/XMLSchema" name="id" style="template"
  type="xs:string"/>
<method id="getProvider" name="GET">
<response>
<ns2:representation xmlns:ns2="http://wadl.dev.java.net/2009/02" xmlns="" ele
ment="providerRepresentation" mediaType="application/xml"/>
</response>
</method>
</resource>
</resource>
<resource path="/patient">
<method id="addPatient" name="POST">
<request>
<ns2:representation xmlns:ns2="http://wadl.dev.java.net/2009/02" xmlns="" ele
ment="patientRepresentation" mediaType="application/xml"/>
</request>
<response>
<representation mediaType="*/*/"/>
</response>
</method>
<resource path="{id}">
```

```
<param xmlns:xs="http://www.w3.org/2001/XMLSchema" name="id" style="template"
  type="xs:string"/>
<method id="getPatient" name="GET">
<response>
<ns2:representation xmlns:ns2="http://wadl.dev.java.net/2009/02" xmlns="" ele
ment="patientRepresentation" mediaType="application/xml"/>
</response>
</method>
</resource>
<resource path="byPatientId">
<method id="getPatientByPatientId" name="GET">
<request>
<param xmlns:xs="http://www.w3.org/2001/XMLSchema" name="id" style="query" ty
pe="xs:string"/>
</request>
<response>
<ns2:representation xmlns:ns2="http://wadl.dev.java.net/2009/02" xmlns="" ele
ment="patientRepresentation" mediaType="application/xml"/>
</response>
</method>
</resource>
<resource path="{id}/treatments/{tid}">
<param xmlns:xs="http://www.w3.org/2001/XMLSchema" name="id" style="template"
  type="xs:string"/>
<param xmlns:xs="http://www.w3.org/2001/XMLSchema" name="tid" style="template
" type="xs:string"/>
<method id="getPatientTreatment" name="GET">
<response>
<representation mediaType="application/xml"/>
</response>
</method>
</resource>
<resource path="site">
<method id="getSiteInfo" name="GET">
<response>
<representation mediaType="text/plain"/>
</response>
</method>
</resource>
</resource>
</resources>
</application>
```

### **Problems:**

- The original clinicApp project folder consists of a pom.xml file in which the web module tag consist of other name for ClinicRestWebService.war file generated during project execution.
- I changed it from “/colchis-rest” to “/clinic-rest” because of the wrong name I was not getting the output for url mentioned in the assignment spec. But after some clean, build and install operations it worked.

