Junhao Du

**Project File location:/ ClinicRoot, /ClinicApp, /ClinicDomain,**

**ClinicInit, /ClinicDTOs, /ClinicService , /ClinicServiceClient and**

**/ClinicWebService,/ClinicRepresentations,/ClinicRestWebService**

**Ear File location: /ClinicApp3.ear**

**Wsdl.xml location: /wsdl.xml**

**ClinicData.xsd location:/ClinicData.xsd**

**Record Location: /Assignment7.mp4**

**ClinicData.xsd:**

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

**<schema targetNamespace="http://cs548.stevens.edu/clinic/service/web/rest/data"**

**jaxb:version="2.0" elementFormDefault="qualified"**

**xmlns:jaxb="http://java.sun.com/xml/ns/jaxb"**

**xmlns="http://www.w3.org/2001/XMLSchema"**

**xmlns:tns="http://cs548.stevens.edu/clinic/service/web/rest/data"**

**xmlns:dap="http://cs548.stevens.edu/clinic/service/web/rest/data/dap">**

**<import schemaLocation="LinkType.xsd"**

**namespace="http://cs548.stevens.edu/clinic/service/web/rest/data/dap"></import>**

**<annotation>**

**<appinfo>**

**<jaxb:globalBindings>**

**<jaxb:javaType name="java.util.Date" xmlType="date"**

**parseMethod="edu.stevens.cs548.clinic.service.representations.DateAdapter.parseDate"**

**printMethod="edu.stevens.cs548.clinic.service.representations.DateAdapter.printDate" />**

**</jaxb:globalBindings>**

**</appinfo>**

**</annotation>**

**<complexType name="TreatmentType">**

**<annotation>**

**<appinfo>**

**<jaxb:class implClass="edu.stevens.cs548.clinic.service.representations.TreatmentRepresentation" />**

**</appinfo>**

**</annotation>**

**<sequence>**

**<element name="id" type="dap:LinkType"/>**

**<element name="patient" type="dap:LinkType"/>**

**<element name="provider" type="dap:LinkType"/>**

**<element name="diagnosis" type="string"></element>**

**<!-- Use choice element to add treatment-specific information -->**

**<choice>**

**<element name="drug-treatment" type="tns:DrugTreatmentType"/>**

**<element name="radiology" type="tns:RadiologyType"/>**

**<element name="surgery" type="tns:SurgeryType"/>**

**</choice>**

**</sequence>**

**</complexType>**

**<element name="treatment-rep" type="tns:TreatmentType" />**

**<complexType name="DrugTreatmentType">**

**<sequence>**

**<element name="name" type="string"/>**

**<element name="dosage" type="float"/>**

**</sequence>**

**</complexType>**

**<complexType name="RadiologyType">**

**<sequence>**

**<element name="date" type="date" maxOccurs="unbounded"/>**

**</sequence>**

**</complexType>**

**<complexType name="SurgeryType">**

**<sequence>**

**<element name="date" type="date"/>**

**</sequence>**

**</complexType>**

**<complexType name="PatientType">**

**<annotation>**

**<appinfo>**

**<jaxb:class implClass="edu.stevens.cs548.clinic.service.representations.PatientRepresentation" />**

**</appinfo>**

**</annotation>**

**<sequence>**

**<element name="id" type="dap:LinkType" />**

**<element name="patient-id" type="long" />**

**<element name="name" type="string" />**

**<element name="dob" type="date" />**

**<element name="age" type="int" />**

**<element name="treatments" type="dap:LinkType" nillable="true"**

**minOccurs="0" maxOccurs="unbounded" />**

**</sequence>**

**</complexType>**

**<element name="patient-rep" type="tns:PatientType"></element>**

**<complexType name="ProviderType">**

**<annotation>**

**<appinfo>**

**<jaxb:class implClass="edu.stevens.cs548.clinic.service.representations.ProviderRepresentation" />**

**</appinfo>**

**</annotation>**

**<sequence>**

**<element name="NPI" type="dap:LinkType" />**

**<element name="name" type="string" />**

**<element name="spec" type="string" />**

**<element name="treatments" type="dap:LinkType" nillable="true"**

**minOccurs="0" maxOccurs="unbounded" />**

**</sequence>**

**</complexType>**

**<element name="provider-rep" type="tns:ProviderType"></element>**

**</schema>**

**WSDL.xml:**

**<application xmlns="http://wadl.dev.java.net/2009/02">**

**<doc xmlns:jersey="http://jersey.java.net/" jersey:generatedBy="Jersey: 2.21 2015-08-14 21:41:51"/>**

**<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://ec2-34-228-254-157.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>**

**<include href="application.wadl/xsd3.xsd">**

**<doc title="Generated" xml:lang="en"/>**

**</include>**

**</grammars>**

**<resources base="http://ec2-34-228-254-157.compute-1.amazonaws.com:8080/clinic-rest/resources/">**

**<resource path="/provider">**

**<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 xmlns:ns2="http://cs548.stevens.edu/clinic/service/web/rest/data" element="ns2:treatment" mediaType="application/xml"/>**

**</response>**

**</method>**

**<method id="addProvider" name="POST">**

**<request>**

**<representation xmlns:ns2="http://cs548.stevens.edu/clinic/service/web/rest/data" element="ns2:provider" mediaType="application/xml"/>**

**</request>**

**<response>**

**<representation mediaType="\*/\*"/>**

**</response>**

**</method>**

**<resource path="id/treatments">**

**<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="addProviderTreatmentForPatient" name="POST">**

**<response>**

**<representation mediaType="application/xml"/>**

**</response>**

**</method>**

**</resource>**

**<resource path="{NPI}">**

**<param xmlns:xs="http://www.w3.org/2001/XMLSchema" name="id" style="template" type="xs:string"/>**

**<method id="getProvider" name="GET">**

**<response>**

**<representation xmlns:ns2="http://cs548.stevens.edu/clinic/service/web/rest/data" element="ns2:provider" mediaType="application/xml"/>**

**</response>**

**</method>**

**</resource>**

**<resource path="byNPI">**

**<method id="getProviderByNPI" name="GET">**

**<request>**

**<param xmlns:xs="http://www.w3.org/2001/XMLSchema" name="id" style="query" type="xs:string"/>**

**</request>**

**<response>**

**<representation xmlns:ns2="http://cs548.stevens.edu/clinic/service/web/rest/data" element="ns2:provider" mediaType="application/xml"/>**

**</response>**

**</method>**

**</resource>**

**<resource path="site">**

**<method id="getSiteInfo" name="GET">**

**<response>**

**<representation mediaType="text/plain"/>**

**</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="" element="patientRepresentation" mediaType="application/xml"/>**

**</request>**

**<response>**

**<representation mediaType="\*/\*"/>**

**</response>**

**</method>**

**<resource path="byPatientId">**

**<method id="getPatientByPatientId" name="GET">**

**<request>**

**<param xmlns:xs="http://www.w3.org/2001/XMLSchema" name="id" style="query" type="xs:string"/>**

**</request>**

**<response>**

**<ns2:representation xmlns:ns2="http://wadl.dev.java.net/2009/02" xmlns="" element="patientRepresentation" mediaType="application/xml"/>**

**</response>**

**</method>**

**</resource>**

**<resource path="nameDob">**

**<method id="getPatientByNameDob" name="GET">**

**<request>**

**<param xmlns:xs="http://www.w3.org/2001/XMLSchema" name="name" style="query" type="xs:string"/>**

**<param xmlns:xs="http://www.w3.org/2001/XMLSchema" name="dob" style="query" type="xs:string"/>**

**</request>**

**<response>**

**<representation mediaType="application/xml"/>**

**</response>**

**</method>**

**</resource>**

**<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="" element="patientRepresentation" mediaType="application/xml"/>**

**</response>**

**</method>**

**</resource>**

**<resource path="treatments">**

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