Junhao Du

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

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

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

**Ear File location: /ClinicApp4.ear**

**Record Location: /Assignment8.mp4**

Patient operations:

1. (10%) Adding a patient to the clinic

<http://ec2-34-228-254-157.compute-1.amazonaws.com:8080/ClinicRestWebService-1.0.0/resources/patient/>

<?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://ec2-34-228-254-157.compute-1.amazonaws.com:8080/ClinicRestWebService-1.0.0/resources/patient/11231" relation="http://cs548.stevens.edu/clinic/rest/relations/patient" mediaType="application/xml"/>

<ns2:patient-id>1343556789</ns2:patient-id>

<ns2:name>123w1orld</ns2:name>

<ns2:dob>1995-07-06Z</ns2:dob>

<ns2:age>22</ns2:age>

<patientDtoFactory/>

</patientRepresentation>

**Response:**

Created.

<http://ec2-34-228-254-157.compute-1.amazonaws.com:8080/ClinicRestWebService-1.0.0/resources/patient/208>

1. (10%) Obtaining a single patient representation, given a patient resource URI.

<http://ec2-34-228-254-157.compute-1.amazonaws.com:8080/ClinicRestWebService-1.0.0/resources/patient/151/>

**Response:**

<?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://ec2-34-228-254-157.compute-1.amazonaws.com:8080/ClinicRestWebService-1.0.0/resources/patient/151" relation="http://cs548.stevens.edu/clinic/rest/relations/patient" mediaType="application/xml"/>

<ns2:patient-id>134556789</ns2:patient-id>

<ns2:name>hew1orld</ns2:name>

<ns2:dob>1995-07-06Z</ns2:dob>

<ns2:age>22</ns2:age>

<patientDtoFactory/>

</patientRepresentation>

1. (10%) Obtaining a single patient representation, given a patient identifier

<http://ec2-34-228-254-157.compute-1.amazonaws.com:8080/ClinicRestWebService-1.0.0/resources/patient/byPatientId?id=134556789>

**Response:**

<?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://ec2-34-228-254-157.compute-1.amazonaws.com:8080/ClinicRestWebService-1.0.0/resources/patient/151" relation="http://cs548.stevens.edu/clinic/rest/relations/patient" mediaType="application/xml"/>

<ns2:patient-id>134556789</ns2:patient-id>

<ns2:name>hew1orld</ns2:name>

<ns2:dob>1995-07-06Z</ns2:dob>

<ns2:age>22</ns2:age>

<patientDtoFactory/>

</patientRepresentation>

1. Obtaining a single treatment representation, from a treatment sub-resource of a patient, given a treatment resource URI

<http://ec2-34-228-254-157.compute-1.amazonaws.com:8080/ClinicRestWebService-1.0.0/resources/patient/151/treatment/154>

**Response:**

<?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://ec2-34-228-254-157.compute-1.amazonaws.com:8080/ClinicRestWebService-1.0.0/resources/treatment/154" relation="http://cs548.stevens.edu/clinic/rest/relations/treatment" mediaType="application/xml"/>

<ns2:patient url="http://ec2-34-228-254-157.compute-1.amazonaws.com:8080/ClinicRestWebService-1.0.0/resources/patient/151" relation="http://cs548.stevens.edu/clinic/rest/relations/patient" mediaType="application/xml"/>

<ns2:provider url="http://ec2-34-228-254-157.compute-1.amazonaws.com:8080/ClinicRestWebService-1.0.0/resources/provider/152" relation="http://cs548.stevens.edu/clinic/rest/relations/provider" mediaType="application/xml"/>

<ns2:diagnosis>cancer</ns2:diagnosis>

<ns2:drug\_treatment>

<ns2:name>panacea</ns2:name>

<ns2:dosage>15.0</ns2:dosage>

</ns2:drug\_treatment>

<repFactory/>

<treatmentDtoFactory/>

</treatmentRepresentation>

Provider operations:

1. (10%) Adding a provider to the clinic.

<http://ec2-34-228-254-157.compute-1.amazonaws.com:8080/ClinicRestWebService-1.0.0/resources/provider/>

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

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

<ns2:id url="http://ec2-34-228-254-157.compute-1.amazonaws.com:8080/ClinicRestWebService-1.0.0/resources/provider/11233" relation="http://cs548.stevens.edu/clinic/rest/relations/provider" mediaType="application/xml"/>

<ns2:NPI>223121</ns2:NPI>

<ns2:specialization>surgery</ns2:specialization>

<providerDtoFactory/>

</providerRepresentation>

**Response:**

Created.

http://ec2-34-228-254-157.compute-1.amazonaws.com:8080/ClinicRestWebService-1.0.0/resources/provider/210

1. (10%) Obtaining a single provider representation, given a provider NPI.

<http://ec2-34-228-254-157.compute-1.amazonaws.com:8080/ClinicRestWebService-1.0.0/resources/provider/byNPI?id=213454361>

**Response:**

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

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

<ns2:id url="http://ec2-34-228-254-157.compute-1.amazonaws.com:8080/ClinicRestWebService-1.0.0/resources/provider/153" relation="http://cs548.stevens.edu/clinic/rest/relations/provider" mediaType="application/xml"/>

<ns2:NPI>213454361</ns2:NPI>

<ns2:specialization>surgery</ns2:specialization>

<providerDtoFactory/>

</providerRepresentation>

1. (10%) Obtaining a single provider representation, given a provider key.

<http://ec2-34-228-254-157.compute-1.amazonaws.com:8080/ClinicRestWebService-1.0.0/resources/provider/152>

**Response:**

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

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

<ns2:id url="http://ec2-34-228-254-157.compute-1.amazonaws.com:8080/ClinicRestWebService-1.0.0/resources/provider/152" relation="http://cs548.stevens.edu/clinic/rest/relations/provider" mediaType="application/xml"/>

<ns2:NPI>816443212</ns2:NPI>

<ns2:specialization>oncology</ns2:specialization>

<providerDtoFactory/>

</providerRepresentation>

1. (10%) Adding a treatment for a patient treated by this provider.

<http://ec2-34-228-254-157.compute-1.amazonaws.com:8080/ClinicRestWebService-1.0.0/resources/provider/152/treatment/>

<?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://ec2-34-228-254-157.compute-1.amazonaws.com:8080/ClinicRestWebService-1.0.0/resources/treatment/12314" relation="http://cs548.stevens.edu/clinic/rest/relations/treatment" mediaType="application/xml"/>

<ns2:patient url="http://ec2-34-228-254-157.compute-1.amazonaws.com:8080/ClinicRestWebService-1.0.0/resources/patient/151" relation="http://cs548.stevens.edu/clinic/rest/relations/patient" mediaType="application/xml"/>

<ns2:provider url="http://ec2-34-228-254-157.compute-1.amazonaws.com:8080/ClinicRestWebService-1.0.0/resources/provider/152" relation="http://cs548.stevens.edu/clinic/rest/relations/provider" mediaType="application/xml"/>

<ns2:diagnosis>cancer32</ns2:diagnosis>

<ns2:drug\_treatment>

<ns2:name>panacea123</ns2:name>

<ns2:dosage>12.0</ns2:dosage>

</ns2:drug\_treatment>

<repFactory/>

<treatmentDtoFactory/>

</treatmentRepresentation>

**Response:**

Created

http://ec2-34-228-254-157.compute-1.amazonaws.com:8080/ClinicRestWebService-1.0.0/resources/provider/152/treatment/209

1. (10%) Getting a treatment administered by this provider:

<http://ec2-34-228-254-157.compute-1.amazonaws.com:8080/ClinicRestWebService-1.0.0/resources/provider/152/treatment/154>

Response:

<?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://ec2-34-228-254-157.compute-1.amazonaws.com:8080/ClinicRestWebService-1.0.0/resources/treatment/154" relation="http://cs548.stevens.edu/clinic/rest/relations/treatment" mediaType="application/xml"/>

<ns2:patient url="http://ec2-34-228-254-157.compute-1.amazonaws.com:8080/ClinicRestWebService-1.0.0/resources/patient/151" relation="http://cs548.stevens.edu/clinic/rest/relations/patient" mediaType="application/xml"/>

<ns2:provider url="http://ec2-34-228-254-157.compute-1.amazonaws.com:8080/ClinicRestWebService-1.0.0/resources/provider/152" relation="http://cs548.stevens.edu/clinic/rest/relations/provider" mediaType="application/xml"/>

<ns2:diagnosis>cancer</ns2:diagnosis>

<ns2:drug\_treatment>

<ns2:name>panacea</ns2:name>

<ns2:dosage>15.0</ns2:dosage>

</ns2:drug\_treatment>

<repFactory/>

<treatmentDtoFactory/>

</treatmentRepresentation>