Assignment 8 Report

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This assignment is the testing of the previous assignment. The code is mostly unchanged except that I corrected the dependency injection annotations and added necessary build paths. In addition, some earlier errors are fixed such as the duplicate treatments in the patient object.

```
@Inject
private IProviderServiceLocal providerService;
```

As previous assignments, the sample data has four patients and three providers with 12 treatments. I used a browser tool RESTer instead of curl for convenience and visualization as you can see in the video.

Below are some screenshots to show the main point of this assignment (Screenshots of some request and a full list of all request with results, which you can also see in videos)

Method
POST

URL
-189-127.compute-1.amazonaws.com:8080/colchis-rest/resources/provider/5/treatments ▾

SEND

HEADERS   BODY   AUTHORIZATION   VARIABLES

Name	Value	
Content-Type	application/xml	—
Name	Value	—

Response `201 Created`   ≣ 341 B ⏱ 81 ms

```
Content-Length: 0
Date: Sun, 19 Nov 2017 17:09:57 GMT
Location: http://ec2-52-201-189-127.compute-1.amazonaws.com:8080/colchis-rest/resources/provider/5/treatments/5
Server: Payara Server 4.1.2.173 #badassfish
X-Powered-By: Servlet/3.1 JSP/2.3 (Payara Server 4.1.2.173 #badassfish Java/Oracle Corporation/1.8)
```

Method
GET

URL
/ec2-52-201-189-127.compute-1.amazonaws.com:8080/colchis-rest/resources/provider/5 ▾

SEND

HEADERS   BODY   AUTHORIZATION   VARIABLES

Name	Value	—

Response `200 OK`   ≣ 1.34 KB ⏱ 35 ms

```
Content-Length: 1119
Content-Type: application/xml
Date: Sun, 19 Nov 2017 17:08:10 GMT
Server: Payara Server 4.1.2.173 #badassfish
X-Powered-By: Servlet/3.1 JSP/2.3 (Payara Server 4.1.2.173 #badassfish Java/Oracle Corporation/1.8)
```

```xml
1  <?xml version="1.0" encoding="UTF-8" standalone="yes"?>
2  <providerRepresentation
3      xmlns:ns2="http://cs548.stevens.edu/clinic/service/web/rest/data">
4      <ns2:id url="http://ec2-52-201-189-127.compute-1.amazonaws.com:8080/colchis-rest/resources/provider/5" relation="http://cs548
           .stevens.edu/clinic/rest/relations/provider" mediaType="application/xml"/>
5      <ns2:npi>1234</ns2:npi>
6      <ns2:name>Bayer</ns2:name>
7      <ns2:specialization>Radiology</ns2:specialization>
8      <ns2:treatments url="http://ec2-52-201-189-127.compute-1.amazonaws.com:8080/colchis-rest/resources/treatment/12" relation="http
           ://cs548.stevens.edu/clinic/rest/relations/treatment" mediaType="application/xml"/>
9      <ns2:treatments url="http://ec2-52-201-189-127.compute-1.amazonaws.com:8080/colchis-rest/resources/treatment/13" relation="http
           ://cs548.stevens.edu/clinic/rest/relations/treatment" mediaType="application/xml"/>
10     <ns2:treatments url="http://ec2-52-201-189-127.compute-1.amazonaws.com:8080/colchis-rest/resources/treatment/14" relation="http
           ://cs548.stevens.edu/clinic/rest/relations/treatment" mediaType="application/xml"/>
11     <providerDtoFactory/>
12 </providerRepresentation>
```

Method	URL	
GET	http://ec2-52-201-189-127.compute-1.amazonaws.com:8080/colchis-rest/resources/provi ⌄	SEND

HEADERS   BODY   AUTHORIZATION   VARIABLES

Name	Value	—

Response   200 OK   ☰ 1.34 KB   ⏱ 60 ms

```
Content-Length: 1119
Content-Type: application/xml
Date: Sun, 19 Nov 2017 17:07:24 GMT
Server: Payara Server 4.1.2.173 #badassfish
X-Powered-By: Servlet/3.1 JSP/2.3 (Payara Server 4.1.2.173 #badassfish Java/Oracle Corporation/1.8)
```

```
 1  <?xml version="1.0" encoding="UTF-8" standalone="yes"?>
 2  <providerRepresentation
 3      xmlns:ns2="http://cs548.stevens.edu/clinic/service/web/rest/data">
 4      <ns2:id url="http://ec2-52-201-189-127.compute-1.amazonaws.com:8080/colchis-rest/resources/provider/5" relation="http://cs548
            .stevens.edu/clinic/rest/relations/provider" mediaType="application/xml"/>
 5      <ns2:npi>1234</ns2:npi>
 6      <ns2:name>Bayer</ns2:name>
 7      <ns2:specialization>Radiology</ns2:specialization>
 8      <ns2:treatments url="http://ec2-52-201-189-127.compute-1.amazonaws.com:8080/colchis-rest/resources/treatment/12" relation="http
            ://cs548.stevens.edu/clinic/rest/relations/treatment" mediaType="application/xml"/>
 9      <ns2:treatments url="http://ec2-52-201-189-127.compute-1.amazonaws.com:8080/colchis-rest/resources/treatment/13" relation="http
            ://cs548.stevens.edu/clinic/rest/relations/treatment" mediaType="application/xml"/>
10      <ns2:treatments url="http://ec2-52-201-189-127.compute-1.amazonaws.com:8080/colchis-rest/resources/treatment/14" relation="http
            ://cs548.stevens.edu/clinic/rest/relations/treatment" mediaType="application/xml"/>
11      <providerDtoFactory/>
12  </providerRepresentation>
```

```
2017/11/19 12:11:00
GET http://ec2-52-201-189-127.compute-1.amazonaws.com:8080/colchis-rest/resources/provider/6/treatments/123123
404 Not Found

2017/11/19 12:10:46
GET http://ec2-52-201-189-127.compute-1.amazonaws.com:8080/colchis-rest/resources/provider/6/treatments/9
200 OK

2017/11/19 12:09:54
POST http://ec2-52-201-189-127.compute-1.amazonaws.com:8080/colchis-rest/resources/provider/5/treatments
201 Created

2017/11/19 12:08:19
GET http://ec2-52-201-189-127.compute-1.amazonaws.com:8080/colchis-rest/resources/provider/1232131
404 Not Found

2017/11/19 12:08:07
GET http://ec2-52-201-189-127.compute-1.amazonaws.com:8080/colchis-rest/resources/provider/5
200 OK

2017/11/19 12:07:43
GET http://ec2-52-201-189-127.compute-1.amazonaws.com:8080/colchis-rest/resources/provider/npi?npi=1232131321
404 Not Found

2017/11/19 12:07:21
GET http://ec2-52-201-189-127.compute-1.amazonaws.com:8080/colchis-rest/resources/provider/npi?npi=1234
200 OK

2017/11/19 12:06:35
GET http://ec2-52-201-189-127.compute-1.amazonaws.com:8080/colchis-rest/resources/provider/npi?id=1234
500 Internal Server Error

2017/11/19 12:05:59
POST http://ec2-52-201-189-127.compute-1.amazonaws.com:8080/colchis-rest/resources/provider
201 Created

2017/11/19 12:02:48
POST http://ec2-52-201-189-127.compute-1.amazonaws.com:8080/colchis-rest/resources/patient
201 Created

2017/11/19 12:01:48
GET http://ec2-52-201-189-127.compute-1.amazonaws.com:8080/colchis-rest/resources/patient/1/treatments/123213
404 Not Found
```

```
2017/11/19 12:01:34
GET http://ec2-52-201-189-127.compute-1.amazonaws.com:8080/colchis-rest/resources/patient/1/treatments/9
200 OK

2017/11/19 12:01:07
GET http://ec2-52-201-189-127.compute-1.amazonaws.com:8080/colchis-rest/resources/patient/patientId?id=7172173217312
404 Not Found

2017/11/19 12:00:48
GET http://ec2-52-201-189-127.compute-1.amazonaws.com:8080/colchis-rest/resources/patient/patientId?id=12345678
200 OK

2017/11/19 12:00:28
GET http://ec2-52-201-189-127.compute-1.amazonaws.com:8080/colchis-rest/resources/patient/1000
404 Not Found

2017/11/19 11:59:34
GET http://ec2-52-201-189-127.compute-1.amazonaws.com:8080/colchis-rest/resources/patient/1
200 OK

2017/11/19 11:58:43
POST http://ec2-52-201-189-127.compute-1.amazonaws.com:8080/colchis-rest/resources/patient
201 Created
```

All these requests are recorded and in the videos, and as before the videos may have problem with the Windows 10 player