User Manual

To execute the the doctor-patient information system code:

Please install Java (version 8 preferred)

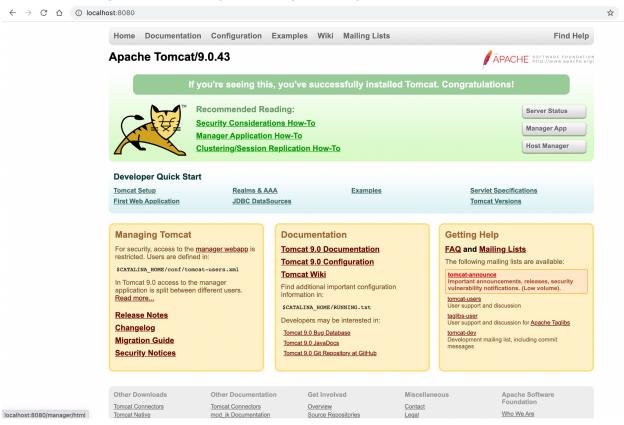
```
...6lbcj6qlfnvnfy2z0r_mm0000gn/T/ __CFBundleldentifier=com.apple.Terminal ... ...pringfield/Web Services/Te

[ashwinnair@Ashwins=MacBook=Pro restlet % java -version
openjdk version "1.8.0_282"

OpenJDK Runtime Environment (Zulu 8.52.0.23=CA=macos=aarch64) (build 1.8.0_282=b08)

OpenJDK 64=Bit Server VM (Zulu 8.52.0.23=CA=macos=aarch64) (build 25.282=b08, mixed mode)
ashwinnair@Ashwins=MacBook=Pro restlet %
```

Please install Apache Tomcat (version 9 preferred)



Please install Apache Ant

```
...6lbcj6qlfnvnfy2z0r_mm0000gn/T/ __CFBundleldentifier=com.apple.Terminal ... ...pringfield/Web

[ashwinnair@Ashwins-MacBook-Pro restlet % ant -version
Apache Ant(TM) version 1.10.9 compiled on September 27 2020
ashwinnair@Ashwins-MacBook-Pro restlet %
```

The Apache Tomcat Server must be started by executing the startup file in the bin folder of the Apache Tomcat Folder which is generated on downloading Tomcat.

Create a new build.xml file or modify the existing build.xml inside the webservice folder. The Tomcat and Java file path are variable and differ between systems. Please update both parameters with the file path of the existing in your system.

Navigate to the restlet folder of the application

To compile and deploy the code please enter the following command

ant -Dwar.name=drpatient deploy

On successful deployment of the code you can access the following API urls through the browser or curl commands:

Operation	Syntax	Sample
Display of all doctors and assigned patients information in Plain Text	GET http://localhost:8080/drpatient/	http://localhost:8080/dr patient/ curlrequest GET http://localhost:8080/dr patient/
Display of all doctors and assigned patients information in XML	GET http://localhost:8080/drpatient/xml	http://localhost:8080/dr patient/xml
Display of Individual doctor and assigned patients information in Plain Text	GET http://localhost:8080/drpatient/ <doct orld=""></doct>	http://localhost:8080/dr patient/1

Display of Individual doctors and assigned patients in XML	GET http://localhost:8080/drpatient/xml/< doctorId>	http://localhost:8080/dr patient/xml/1
Display of all doctors information in Plain Text	GET http://localhost:8080/drpatient/doctors	http://localhost:8080/dr patient/doctors
Display of individual Doctor information in Plain Text	GET http://localhost:8080/drpatient/doctor s/ <doctorid></doctorid>	http://localhost:8080/dr patient/doctors/1
Display of individual Doctor information in XML	GET http://localhost:8080/drpatient/xml/d octors/ <doctorid></doctorid>	http://localhost:8080/dr patient/xml/doctors/1
Display of all patients information in Plain Text	GET http://localhost:8080/drpatient/patien ts	http://localhost:8080/dr patient/patients
Display of all patients information in XML	GET http://localhost:8080/drpatient/xml/p atients	http://localhost:8080/dr patient/xml/patients
Display of individual Patient information in Plain Text	GET http://localhost:8080/drpatient/patien ts/ <patientid></patientid>	http://localhost:8080/dr patient/patients/1
Display of individual Patient information in XML	GET http://localhost:8080/drpatient/xml/p atients/ <patientid></patientid>	http://localhost:8080/dr patient/xml/patients/1
Create a new doctor and assigned patients	POST http://localhost:8080/drpatient/create Payload: id= <doctorid>&name=<doctorname>&patientNum=<numberofpatients> &patientId<#>=<patientid>&patientn ame<#>=<patientname>&insurance number<#>=<insuranceno></insuranceno></patientname></patientid></numberofpatients></doctorname></doctorid>	curlrequest POSTdata "id=5&name=Alan&pati entNum=2&patientid1= 7&patientname1=Krish Sick&insurancenumber 1=CCS765&patientid2= 8&patientname2=MattS ick&insurancenumber2

		=CCS884" http://localhost:8080/dr patient/create
Update doctor's name	PUT http://localhost:8080/drpatient/update e Payload : <a href="mailto:id=<doctorName">id=<doctorname< a=""> </td><td>curlrequest PUTdata " http:="" id='6&name=Jincy"' localhost:8080="" patient="" td="" update<=""></doctorname<>	
Delete a doctor and assigned patients	DELETE http://localhost:8080/drpatient/delete / <doctorid></doctorid>	curlrequest DELETE http://localhost:8080/dr patient/delete/2

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