Steps to run the application

**(Netbeans 8.0.1 & Glassfish 4.1)**

**Software Requirements:**

* NetBeans 8.0.1
* Glassfish 4.1
* JDK 1.8(jdk1.8.0\_25)
* Java EE 7 API Library and
* EclipseLink (JPA 2.1)

1. Extract the zip/rar file for the ejb assignment.

2. Please move it to Netbeans workspace/projects folder(that you chose while installing netbeans ).

3. Install Glassfish server 4.1 for Netbeans .

5. The database server used is Java DB. The database being sample and the schema is APP. The Java DB comes installed with the glassfish server.

6. Open project “**HospitalsInfo**” from the Netbeans project folder. When opening the project, on the right side, **check the box** with “Open Required Projects”. This will import the ejb and the war projects too.

7. Now open the project “**Patient**” from the Netbeans project folder.

8. If you want to clean and build, disconnect from the java DB and disconnect from the Glassfish server

9. Clean and Build”**HospitalsInfo”** . If error displays, please clean and build again.

10. Clean and Build “**Patient**”. If error displays, please clean and build again.

11. Connect JAVA DB.

12. Create JMS resources in the Glassfish Admin Server. Below is the steps

**Message Driven Bean – JMS resource set up (Step 12)**

a. Open Glassfish admin console(Services tab), and then go to JMS resources ->Connection Factories

b. JNDI name = “jms/queue” .

c. Select ‘Resource Type’ = javax.jms.QueueConnectionFactory

d. Select ok

e. Again go to JMS resource->Destination Resources

f. JNDI Name = “jms/dest”

g. Physical Destination Name = “destPhyName”

h. Resource Type = javax.jms.Queue

**Patient:**

1. Run ‘Patient’ (Enterprise application client).
2. To test timeout feature, run two instances of Patient and choose timeout option immediately from both the applications.

**Output**:

Please Enter your name:

Asim

Hospital Name Address

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Stroger Hospital 1969 W Ogden Ave Chicago, IL 60612

Rush Hospital 1620 W Harrison St, Chicago, IL

UI Hospital 722 W Maxwell St, Chicago, IL 60607

Enter '1' for Doctors

Enter '2' for timeout

Enter '3' to 'Exit Application'

1

Enter '1' for 'Stroger' doctors Info

Enter '2' for 'Rush' doctors Info

Enter '3' for 'UI Hospital' doctors Info

Enter '4' to 'Return to previous menu'

Enter '5' to 'Exit Application'

1

List of Doctors:

Doctor Name Speciality

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Chase Secrest Cardiology

Arnette Cockrum Neurology

Aisha Nuss Orthopedics

Chase Secrest Cardiology

Arnette Cockrum Neurology

Aisha Nuss Orthopedics

Chase Secrest Cardiology

Arnette Cockrum Neurology

Aisha Nuss Orthopedics

Chase Secrest Cardiology

Arnette Cockrum Neurology

Aisha Nuss Orthopedics

Chase Secrest Cardiology

Arnette Cockrum Neurology

Aisha Nuss Orthopedics

Cinthia Stickler Neurology

Enter '1' for 'Stroger' doctors Info

Enter '2' for 'Rush' doctors Info

Enter '3' for 'UI Hospital' doctors Info

Enter '4' to 'Return to previous menu'

Enter '5' to 'Exit Application'

2

List of Doctors:

Doctor Name Speciality

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Chase Secrest Cardiology

Aisha Nuss Orthopedics

Aisha Nuss Orthopedics

Chase Secrest Cardiology

Arnette Cockrum Neurology

Aisha Nuss Orthopedics

Chase Secrest Cardiology

Arnette Cockrum Neurology

Aisha Nuss Orthopedics

Chase Secrest Cardiology

Arnette Cockrum Neurology

Aisha Nuss Orthopedics

Chase Secrest Cardiology

Arnette Cockrum Neurology

Aisha Nuss Orthopedics

Chase Secrest Cardiology

Arnette Cockrum Neurology

Aisha Nuss Orthopedics

Chase Secrest Cardiology

Arnette Cockrum Neurology

Aisha Nuss Orthopedics

Enter '1' for 'Stroger' doctors Info

Enter '2' for 'Rush' doctors Info

Enter '3' for 'UI Hospital' doctors Info

Enter '4' to 'Return to previous menu'

Enter '5' to 'Exit Application'

3

List of Doctors:

Doctor Name Speciality

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Clorinda Blankenbaker Neurology

Clorinda Blankenbaker Neurology

Dewitt Kelemen Orthopedics

Teresita Spence Psychiatry

Clorinda Blankenbaker Neurology

Dewitt Kelemen Orthopedics

Teresita Spence Psychiatry

Clorinda Blankenbaker Neurology

Dewitt Kelemen Orthopedics

Teresita Spence Psychiatry

Clorinda Blankenbaker Neurology

Dewitt Kelemen Orthopedics

Teresita Spence Psychiatry

Clorinda Blankenbaker Neurology

Dewitt Kelemen Orthopedics

Teresita Spence Psychiatry

Enter '1' for 'Stroger' doctors Info

Enter '2' for 'Rush' doctors Info

Enter '3' for 'UI Hospital' doctors Info

Enter '4' to 'Return to previous menu'

Enter '5' to 'Exit Application'

4

Enter '1' for Doctors

Enter '2' for timeout

Enter '3' to 'Exit Application'

3

run:

BUILD SUCCESSFUL (total time: 1 minute 10 seconds)