**Readme**

1. Run Integration Middleware

Depending on the systems to run as per the Technical Diagram, run appropriate servers from the following

i. WampServer

Go to<http://localhost/phpmyadmin/>

Import 'insurance\_client\_db.sql' from "/sql" directory into phpmyadmin

ii. EMS Server

Start Tibco EMS Server

iii. TIBCO Designer

Click “Open existing project”

Choose “/Integration Middleware” to as project directory

Click “select all”

Click “Load Selected” to run the Test Mode

iv. TIBCO Designer (Second window)

Choose “/Sys\_Blacklisting System” to as project directory

Repeat as above.

v. TIBCO Designer (Third window)

Choose “/Sys\_Whitelisting System” to as project directory

Repeat as above.

2. Run NetBeans 8.1 IDE. Open and run the following projects:

i. ‘/Sys\_OBDsystem’ ii. ‘/Sys\_LTAsystem’ iii. ‘/InsuranceWebsite‘

All of the following are NetBeans project and can be executed with NetBeans IDE. Alternatively, it can be deployed in the Tomcat server.

For ‘InsuranceWebsite’, continue on with the following steps to access the UI:

1. Open index.html and click ‘Login’ at the right-top corner
2. There is no username and password required, just click login and go to admin page
3. Click ‘Check Expire’ button, the process will start. The function of this button is to send JMS message to integration middleware.

For ‘Sys\_OBDsystem’ and ‘Sys\_LTAsystem’, keep them running at backend.

3. Run apache-tomcat-7.0.63 (For SOAP web service - axis2) by clicking startup.bat in the bin folder of apache-tomcat-7.0.63

4. In Tibco designer

|  |  |  |
| --- | --- | --- |
| Type | Name | URL |
| JMS Connection | Integration Middleware/JMS-Connection-to-external database | tcp://’second machine’s IP:7222 |
| JMS Connection | Waiting List system/Auto-checking system | tcp://first machine's IP:7222 |
| JMS Connection | Blacklist System/Auto-checking system | tcp://first machine's IP:7222 |
| Database Connection | Waiting list Database  Update client database | jdbc:mysql://first machine's IP:3306/insurance\_client\_db  Username:Chan  Password:password |