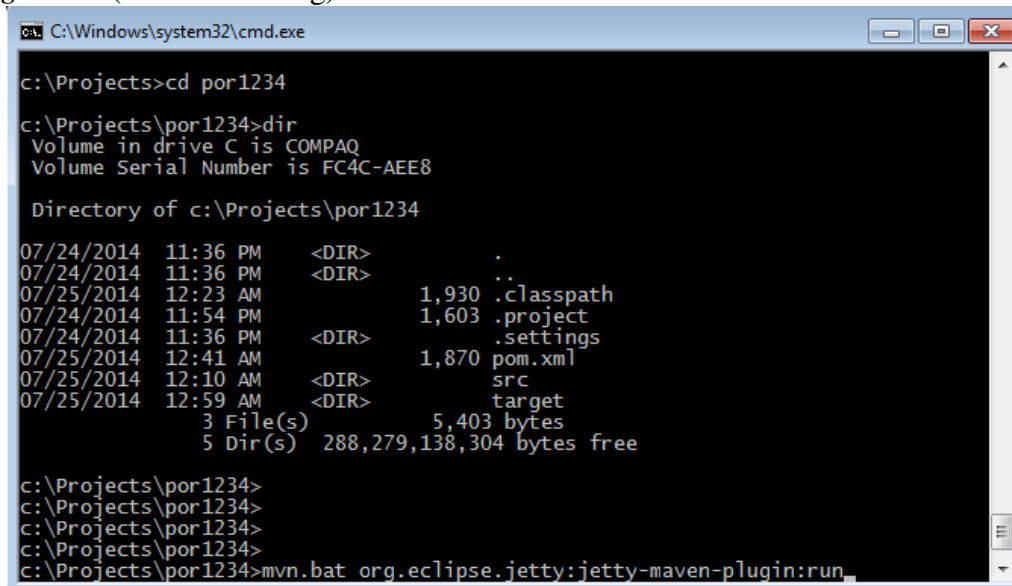


## Instructions for running this Web application

1. Unzip the file to a local path, such as c:\xyz\por1234
2. Download maven (if maven has not been installed) and Java 7 JDK to step up the environment (I use the latest version of Jetty plug-in, 9.2.1.v20140609, which needs Java 7 to compile it)
  - a. Set %JAVA\_HOME% environment variable to *C:\Program Files\Java\jdk1.7.0\_65*
  - b. Add %PATH% environment variable for *X:/Maven installation home/bin*, that can run mvn.bat executable from any path.
  - c. Log off the system and login again to make the env variables take effect
3. Go to c:\xyz\por1234 directory, where pom.xml is exist in that directory
4. Run the command “mvn.bat jetty:run”, or “mvn.bat org.eclipse.jetty:jetty-maven-plugin:run” (for first running)



```
C:\Windows\system32\cmd.exe

c:\Projects>cd por1234

c:\Projects\por1234>dir
Volume in drive C is COMPAQ
Volume Serial Number is FC4C-AEE8

Directory of c:\Projects\por1234

07/24/2014  11:36 PM    <DIR>        .
07/24/2014  11:36 PM    <DIR>        ..
07/25/2014  12:23 AM             1,930 .classpath
07/24/2014  11:54 PM             1,603 .project
07/24/2014  11:36 PM    <DIR>        .settings
07/25/2014  12:41 AM             1,870 pom.xml
07/25/2014  12:10 AM    <DIR>        src
07/25/2014  12:59 AM    <DIR>        target
               3 File(s)              5,403 bytes
               5 Dir(s)  288,279,138,304 bytes free

c:\Projects\por1234>
c:\Projects\por1234>
c:\Projects\por1234>
c:\Projects\por1234>
c:\Projects\por1234>mvn.bat org.eclipse.jetty:jetty-maven-plugin:run
```

5. The project will be compile by maven, and download necessary dependencies.

```
C:\Windows\system32\cmd.exe - mvn.bat org.eclipse.jetty:jetty-maven-plugin:run
Downloaded: http://repo.maven.apache.org/maven2/javax/servlet/jsp/jsp-api/2.1/jsp-api-2.1.pom (157 B at 1.3 KB/sec)
Downloading: http://repo.maven.apache.org/maven2/org/apache/httpcomponents/httpclient/4.3.2/httpclient-4.3.2.pom
Downloaded: http://repo.maven.apache.org/maven2/org/apache/httpcomponents/httpclient/4.3.2/httpclient-4.3.2.pom (6 KB at 42.0 KB/sec)
Downloading: http://repo.maven.apache.org/maven2/org/apache/httpcomponents/httpcomponents-client/4.3.2/httpcomponents-client-4.3.2.pom
Downloaded: http://repo.maven.apache.org/maven2/org/apache/httpcomponents/httpcomponents-client/4.3.2/httpcomponents-client-4.3.2.pom (16 KB at 107.8 KB/sec)
Downloading: http://repo.maven.apache.org/maven2/org/apache/httpcomponents/project/7/project-7.pom
Downloaded: http://repo.maven.apache.org/maven2/org/apache/httpcomponents/project/7/project-7.pom (27 KB at 171.6 KB/sec)
Downloading: http://repo.maven.apache.org/maven2/org/apache/httpcomponents/httpcore/4.3.1/httpcore-4.3.1.pom
Downloaded: http://repo.maven.apache.org/maven2/org/apache/httpcomponents/httpcore/4.3.1/httpcore-4.3.1.pom (5 KB at 31.4 KB/sec)
Downloading: http://repo.maven.apache.org/maven2/org/apache/httpcomponents/httpcomponents-core/4.3.1/httpcomponents-core-4.3.1.pom
Downloaded: http://repo.maven.apache.org/maven2/org/apache/httpcomponents/httpcomponents-core/4.3.1/httpcomponents-core-4.3.1.pom (12 KB at 58.8 KB/sec)
Downloading: http://repo.maven.apache.org/maven2/commons-logging/commons-logging/1.1.3/commons-logging-1.1.3.pom
18/18 KB
```

6. Compilation is done and the Jetty server is running at 9998 port (I specify jetty-maven-plugin will run at 9998 port in pom.xml)

```
C:\Windows\system32\cmd.exe - mvn.bat org.eclipse.jetty:jetty-maven-plugin:run
[INFO] --- jetty-maven-plugin:9.2.1.v20140609:run (default-cli) @ por1234 ---
2014-07-25 15:12:15.204:INFO::main: Logging initialized @5335ms
[INFO] Configuring Jetty for project: por1234
[INFO] webAppSourceDirectory not set. Trying src/main/webapp
[INFO] Reload Mechanic: automatic
[INFO] Classes = C:\Projects\por1234\target\classes
[INFO] Context path = /por1234
[INFO] Tmp directory = C:\Projects\por1234\target\tmp
[INFO] Web defaults = org.eclipse.jetty.webapp.webdefault.xml
[INFO] Web overrides = none
[INFO] web.xml file = file:/C:/Projects/por1234/src/main/webapp/WEB-INF/web.xml
[INFO] Webapp directory = C:\Projects\por1234\src/main/webapp
2014-07-25 15:12:15.376:INFO:oejs.Server:main: jetty-9.2.1.v20140609
2014-07-25 15:12:16.749:INFO:/por1234:main: Warning: No org.apache.tomcat.JarScanner set in ServletContext. Falling back to default JarScanner implementation.
2014-07-25 15:12:17.030:INFO:oejsh.ContextHandler:main: Started o.e.j.m.p.JettyWebAppContext@30f726a{/por1234,file:/C:/Projects/por1234/src/main/webapp/,AVAILABLE}{file:/C:/Projects/por1234/src/main/webapp/}
2014-07-25 15:12:17.030:WARN:oejsh.RequestLogHandler:main: !RequestLog
2014-07-25 15:12:18.434:INFO:oejs.ServerConnector:main: Started ServerConnector@13daeeb{HTTP/1.1}{0.0.0.0:9998}
2014-07-25 15:12:18.434:INFO:oejs.Server:main: Started @8580ms
[INFO] Started Jetty Server
```

7. open IE, type <http://localhost:9998/por1234/register.jsp>, then you will see registration page

**Aol.** This web page is used to sign up a new account for <http://myopenissues.com/magento/>

**Personal Information**

First Name: Calvin Last Name: Guo

Email: hguocstest@gmail.com

☐ Sign Up for Newsletter

**Login Information**

Password: ..... Password: .....  
matching

Create My Account Clear

8. Type in the registration information into the form, if all information is good, will create a new account at <http://myopenissues.com/magento/>, and then return the succeed Page

**Sign UP- Successful**

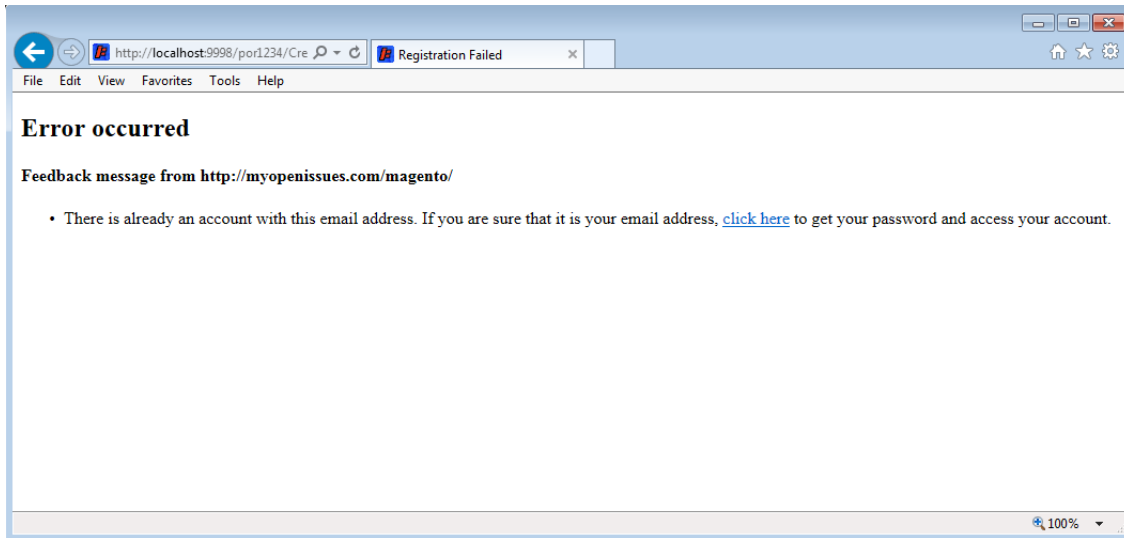
Welcome, Calvin Guo!

**Feedback message from <http://myopenissues.com/magento/>**

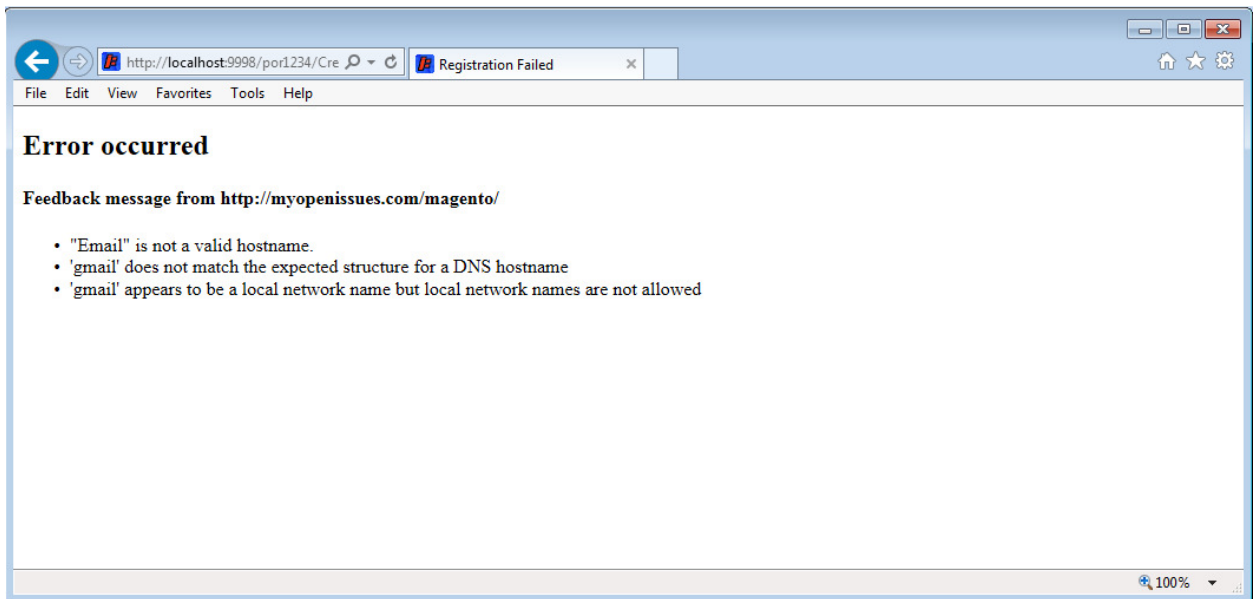
- Thank you for registering with Main Website Store.

Your registration email is hguocstest@gmail.com. [Click here](#) to login your account

9. go to the <http://localhost:9998/por1234/register.jsp> again, if user input the same email address as the last step, it will return an error page that shows the account is already existed.



10. go to the <http://localhost:9998/por1234/register.jsp> again, if user input an invalid email address, such xyz@gmail, it will return an error page which indicates “email” is not a valid hostname.



So, basically based on the user input on <http://localhost:9998/por1234/register.jsp> page, this web application will return either success page or error page based on the succeed or failed in creation account in <http://myopenissues.com/magento/>.