

STEPS FOR DEPLOYING THE PROJECT

1. Build project:

**** Put whole project directory under tomcat/webapps**

**** Compile source code into binary code, type in following commands:**

cd WEB-INFO

javac -d classes src/bean/*.java

javac -d classes src/dao/*.java

javac -d classes src/util/*.java

javac -d classes src/service/*.java

2. Requirements/ Dependencies:

**** Make sure to put these 3 library under tomcat/lib, these can be found under WEB-INFO/lib**

1. jstl-1.2.jar
2. commons-fileupload-1.4.jar
3. Commons-io-2.2.jar

**** You might need to set up environment variables if it's not already set. You can also do that directly in CMD using following commands:**

> set JAVA_HOME=C:\java\jdk8

> set PATH="C:\java\jdk8\bin";%PATH%

> set

CLASSPATH=.;C:\apache-tomcat-7.0.34\lib\servlet-api.jar;C:\apache-tomcat-7.0.34\lib\jsp-api.jar;C:\apache-tomcat-7.0.34\lib\el-api.jar;C:\apache-tomcat-7.0.34\lib\commons-beanutils-1.8.3.jar;C:\apache-tomcat-7.0.34\lib\mysql-connector-java-8.0.21.jar;C:\apache-tomcat-7.0.34\lib\gson-2.6.2.jar;C:\apache-tomcat-7.0.34\lib\mongo-java-driver-3.2.2.jar;C:\apache-tomcat-7.0.34\lib\jstl-1.2.jar;C:\apache-tomcat-7.0.34\lib\commons-fileupload-1.4.jar;C:\apache-tomcat-7.0.34\lib\commons-io-2.2.jar

> set ANT_HOME=c:\apache-tomcat-7.0.34

> set TOMCAT_HOME=C:\apache-tomcat-7.0.34

> set CATALINA_HOME=C:\apache-tomcat-7.0.34

3. Run the application:

**** Run mongod from program files**

**** Run 'mongo' in cmd**

**** Run my sql server**

- ** Start Neo4J database from desktop
 - ** Open Project in Neo4J
 - ** Click Start and then Open in available Graph Database
 - ** Under tomcat/bin, run startup.bat
 - ** Once tomcat is running, type in 'localhost:8080/CSP584HealthHub'
 - ** The Website's HomePage will show in the browser
-

PROJECT DETAILS

Total lines of code:

- ** We wrote 15185 lines in total including both front end and back end.

Features implemented and successful:

- ** Trending, Realtime streaming of new products, events
- ** User Account/Profile/Transaction management & MySQL
- ** Recommender
- ** Twitter matches
- ** Analytics & Visual Reports
- ** Reviews & Trending & MongoDB
- ** Auto-Complete Search feature
- ** Google MAPS - Near ME search feature
- ** Knowledge Graph Searches & Neo4J

Features not implemented:

** None

Features attempted but not functional:

** We tried to calculate the distance between two spots on google maps for a better support of finding nearby services, but ended up using ZipCode to find the results.