**Assignment Guide**

**First) Explanation**

* I couldn’t develop all points due to time constraint.
* I used Spring Boot version 1.5.10 that compatible with Spring 4.3

because spring boot version that compatible with Spring 5 not stable version.

* I did front end using Angular 4 for only product item.

**Second) Technologies used:**

* Eclipse Mars 4.5
* JDK 1.8
* Spring Boot 1.5.10
* Spring 4.3
* Maven 3.3
* Angular 4
* MySQL 5.7

**Third) Installation Guide**

1. For Backend

1- Install newest version of MySQL and jdk1.8.

2- Run 4 scripts in scripts folder on any MySQL browser.

3- Modify application.properties file in this path:

Mondia-Assignment/src/main/resources/application.properties to match with your database properties.

4- From command line point to Mondia-Assignment.jar then run this command:

>java -jar Mondia-Assignment.jar

6- To ensure application is running fine see this line in the end:

**Tomcat started on port(s): 8080 (http)**

7- You can access the application in these pathes:

<http://localhost:8080/user/products>

<http://localhost:8080/user/operators>

<http://localhost:8080/user/services>

8- For documentation about rest endpoints and simulation for it you can access this link:

<http://localhost:8080/swagger-ui.html>

9- Or you can import the project as maven project to your IDE and run com.mondia.app.MondiaAssignmentApplication.java as java application.

1. For Frontend
2. Install latest version of nodejs(8.9.4) from this link:

<https://nodejs.org/en/download/>

to ensure nodejs installed successfully type this command on your terminal:

code -v must give you the version

V8.9.4

1. From terminal install angular cli with this command:

npm install –g @angular/cli **(take about 5 minutes)**

1. From terminal point to angular application on our project in this path:

Mondia-Assignment\src\main\resources\static\restClient

Then type this command

npm install (install node modules that I couldn’t upload it)

**(take about 5 minutes)**

Then run this command:

ng serve --open

will compile and open our application in the browser with this url : <http://localhost:4200/>

Enjoy 😊