**BLFWTrust Server project setup guideline**

1. Check out blfwt\_server repository to your local (D:\ BLFWT\_Local\_Repo)

2. JAVA Setup

a) Download jdk1.8 and install.

b) set env variable as follows :

1) JAVA\_HOME= C:\Program Files\Java\jdk1.8.0\_111} (change to your jdk folder path)

3. MySQL database Set Up

a) Download and install MySQL.

b) Set credentials as follows :

1) username: root

2) password: password

4.Dowload and install Apache Tomcat v8+.

5. Maven Set Up

a) Download Maven apache-maven-3.3.9 and unzip.

b) Set env variable as follow :

1) M2\_HOME= {C:\Maven\apache-maven-3.3.9} (change to your apache folder path)

2) path={C:\Maven\apache-maven-3.3.9\bin} (change to your apache bin folder path)

6.Download, Install Spring Tool Suit.

7. Create local workspace (D:\blfwt\_workspace) and import admin module.

8. In location D:\blfwt\_workspace\admin Open command prompt and execute following commands.

a)mvn clean

b)mvn eclipse:clean

d)mvn install

c)mvn eclipse:eclipse

9. Maven Flyway command for database script execution

mvn clean compile package flyway:repair flyway:migrate flyway:validate dependency:tree

10. Configure tomcat in STS and change tomcat context.xml file

Add following resource to context.xml file

<Resource name=*"jdbc/blfwt"* auth=*"Container"* factory=*"org.apache.tomcat.dbcp.dbcp2.BasicDataSourceFactory"* type=*"javax.sql.DataSource"*

driverClassName=*"com.mysql.jdbc.Driver"*

url=*"jdbc:mysql://localhost:3306/dbblfwt?useUnicode=true&amp;characterEncoding=UTF-8"*

username=*"root"* password=*"password"* maxTotal=*"100"* maxIdle=*"30"*

maxWaitMillis=*"-1"* validationQuery=*"Select 1"* />

11. Deploy project admin to tomcat server and after successful deployment test on below url.

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