DOCUMENTATION

1. IDE used **SPRING TOOL SUITE.**
2. OS – **WINDOWS 10**.
3. To get the Spark features we have the dependency related to Spark added to the Maven.

<dependency>

<groupId>com.sparkjava</groupId>

<artifactId>spark-core</artifactId>

<version>2.0.0</version>

</dependency>

<dependency>

<groupId>org.slf4j</groupId>

<artifactId>slf4j-simple</artifactId>

<version>1.7.7</version>

</dependency>

1. Spark uses slf4j for logging to show the logs and the error messages.
2. GET /getusers is used to return all the users present in the mongodb.
3. POST /createuser is used to insert the inputted data in JSON format to the mongodb.
4. PUT /updateuser is used to update the data in the mongodb if the data with same id as the inputted data else it will return the status 404. ID is used to check whether the data is present in the database or not.
5. JUNIT testcase written which checks the status for /getusers. If the users are returned with status 200 then the test case passes else it fails.
6. Conversion of Object to JSON using GSON.
7. Connection to the database is made.
8. When the application is executed Jetty Server is started which has port 4567.
9. TO CREATE USER URL IS -> [**http://localhost:4567/createuser**](http://localhost:4567/createuser)
10. TO GET ALL USERS URL IS -> [**http://localhost:4567/getusers**](http://localhost:4567/getusers)
11. TO UPDATE A USER URL IS -> [**http://localhost:4567/updateuser**](http://localhost:4567/updateuser)