**DB 2 Project 2: MongoDB**

**Steps For execution:**

1. Import the project folder into any java IDE such as Eclipse or IntelliJ.
2. The inputs of given five tables are inserted into AWS RDS MySQL database.
3. Run the Main.java class as java application.
4. The join queries will be executed and the result set will be converted to JSON and inserted into MongoDB database named “MongoDb2”.
5. Two collections namely projectCollection and departmentCollection will be created for the results during the execution of insertDocument method..
6. The documents inserted into the MongoDB will retrieved by getDocuments method and displayed on the console at the end of execution.
7. The getDocumentFilter method retrieves the documents matching the given filter.

**Assumptions:**

1. Local MongoDB server with database “MongoDb2” is set up by the user for execution.

**Note:**

* MongoDB queries and the result for those queries is placed in a docx file called “OutputQueries”.
* The tables in MySQL can be constructed using the files in InputFiles folder.

**References:**

https://www.mkyong.com/mongodb/java-mongodb-insert-a-document/

https://www.mkyong.com/mongodb/java-mongodb-query-document/

http://mongodb.github.io/mongo-java-driver/3.4/driver/getting-started/quick-start/

http://www.javaroots.com/2015/05/mongodb-3-with-java.html

https://stackoverflow.com/questions/30625380/find-in-mongocollectiondocument