Updates 5/5/2018

**Commands to handle server codes:**

* Give yourself editing privilege:
  + sudo -i
* Change directory to Gheskio app:
  + cd /usr/share/tomcat8/webapps/gheskio/WEB-INF/classes
* Test upload using PostTest (already compiled):
  + java -cp . org.gheskio.queue.PostTest testfile.txt <http://ec2-52-15-156-17.us-east-2.compute.amazonaws.com:8080/gheskio/upload>
* Test upload using curl: (can see HTML response of POST request, right database log-in parameters were set up)
  + curl -X POST -d @testfile.txt <http://ec2-52-15-156-17.us-east-2.compute.amazonaws.com:8080/gheskio/upload> -v
* Edit and recompile PostTest (from …/classes folder)
  + cd org/gheskio/queue
  + vim PostTest.java
  + :x to save and exit, :q! to NOT save and exit
  + Javac -cp . SimpleAuth.java PostTest.java (=> to recompile PostTest.java into a class)
  + cd ../../..
  + Test your changes
* Test upload manually within the Tomcat server by passing data directly to UploadServlet (only this works so far)
  + java -classpath ".:javax.servlet-api-3.0.1.jar:/usr/share/tomcat8/lib/jtds.1.3.1.jar:/usr/share/tomcat8/lib/mysql-connector-java-5.1.12.jar" org.gheskio.queue.UploadServlet -j "jdbc:mysql://localhost:3306/gheskio" -u root -p gheskioag -t abc -f testfile.txt
  + You should see two more lines added to table ‘abc’ in database ‘gheskio’
* Edit and recompile UploadServet (from ../classes folder)
  + cd org/gheskio/queue
  + vim UploadServer.java
  + :x to save and exit, :q! to NOT save and exit
  + javac -cp "javax.servlet-api-3.0.1.jar" SerialQRecord.java UploadServlet.java (=> to recompile UploadServlet.java into a class)
  + cd ../../..
  + Test your changes

**Command to handle mySql database:**

* Open a new AWS EC2 command prompt
* Log into mySql database:
  + mysql -u root -pgheskioag
* Change to ‘gheskio’ database:
  + use gheskio;
* Check content of ‘abc’ table:
  + select \* from abc;