INSTALLATION INSTRUCTIONS

1. Please clone the entire project from the candidate branch.
2. Use eclipse IDE as it will be easier to install spring boot component  to run.
3. Install “STS” tools from the eclipse marketplace under Help tab.
4. Open the maven project using eclipse.
5. *Download the jar file for JPlag using this link, https://github.com/jplag/jplag/releases/download/v2.11.9- SNAPSHOT/jplag-2.11.9-SNAPSHOT-jar-with-dependencies.jar*

*If the above link does not work,*

[*https://github.com/jplag/jplag/releases*](https://github.com/jplag/jplag/releases) *and download the following jar file:* [**jplag-2.11.9-SNAPSHOT-jar-with-dependencies.jar**](https://github.com/jplag/jplag/releases/download/v2.11.9-SNAPSHOT/jplag-2.11.9-SNAPSHOT-jar-with-dependencies.jar)

1. *Right click on the project and select Build Path -> Configure Build Path -> Add External Jars -> Select the Jar you downloaded in previous step -> Apply. At last just refresh the project once.*
2. Select the project now and do “run as spring boot application”. If you don’t see an option to run as spring boot application then navigate to src/main/Java/edu/northeastern/cs5500 and run PlagDetectorApplication.java as a Java Application
3. Once the server is up and running use chrome(preferably) to open  localhost:8080
4. The UI will be shown with the login screen.
5. Register as a student or professor
6. To upload assignment data, login as

a. Login as any student you created and select the course and then assignment for that student, then upload a zip file.

b. Try to do this for multiple students.

  

*Once above part is done, login as a professor, and check the plag for any particular assignment using following steps.*

a. [jose, jose] username, password and select the semester

b. Now select the course

c. In the course select the assignment

d. Once the assignment is selected you will be routed to the results page. (You will need to wait for a minute since it calculates the results at this time)

e. The results page will consist of a graph. The bigger nodes and edge connections between nodes refer to plagiarized documents between 2 students. If the plagiarism is above threshold the color changes to pink.

f. You can click on the edges to see comparison between different files of two students. You can click on view file to view plagiarized files with highlighted code.