**OS2 Project 2**

**Ring Coordinator Election Algorithm**

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**Steps to run the project:**

The code is written in java language. GUI is being made in Swing .Please follow the below steps to run the project. The project is being run from the command line .The platform I have used is windows.

1. Unzip the folder on your machine .If the folder is unzipped in say C: folder then follows the commands.
2. To run the server, open the command prompt, go the C: folder .Then go to ElectionAlgorithm folder .Then navigate to bin folder. Then fire the command **java test.** **ElectionController** to run the program. This will open the UI for the election algorithm.
3. Then click the assign port button. This will assign the port to the processes.
4. Then Click the start election button. This will initiate the election process along the ring.
5. To crash the process, click on the Crash Process and the selected process from the drop down.
6. To restart the process click on the Restart process and the selected process from the drop down.

**Flow of Project:**

1. Once the UI for the election algorithm is running. Then follow the instructions given in the steps to run the project for the successful running of the project.

**References:**

1. <http://stackoverflow.com/>
2. <http://docs.oracle.com/javase/7/docs/api/>
3. [www.google.com](http://www.google.com)
4. <http://cs.lmu.edu/~ray/notes/javanetexamples/>
5. <https://github.com/>