**User Manual:**

**SYSC 3110 Project – Network Routing Simulator**

**Git Repo:** <https://github.com/SYSC3110/project-team-smalltalkers>

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**Setup Instructions and Running the Project:**

1. Import the project into Eclipse by going to import-> Existing Projects into Workspace
2. Select the folder SYSC3110\_Milestone\_1
3. Run NetworkUI.java first by right clicking and selecting "Run as Java Application"
4. You will see the results displayed on the console

**Output:**

The output will be shown on the console of eclipse. The console menu will guide you through the commands to type for certain events. The prompts will occur in the following order

* Quick Populate for testing - Makes the graph in the Project spec to save time spent in adding and connecting nodes
* Edit the Model - Allows you to connect, disconnect, add or remove nodes from the model and display it
* Rate of packet generation - A message is generated at every "n" number of steps that the user enters
* Choose the algorithm - Allows the user to pick one of the 4 algorithm to simulate. Only Random is present for Milestone 1
* Step through the algorithm - Allows user to step through the algorithm one hop at a time
* Reiterate or exit - Asks the user to reuse the same model or exit the program