**Team B – Ekathra**

**INSTALLATION MANUAL**

To install and run this project on your laptop, you need to install the following software’s first:

Download and Install Java and set environmental variables.

Download Java

Go to the following link and download Java JDK version 8 compatible with your operating system <http://www.oracle.com/technetwork/java/javase/downloads/jdk8-downloads-2133151.html>

After downloading the file, run the file and follow the steps it says until you reach the finish page.

To set the environment variable:

* Open the Control Panel: Click Start, Control Panel.
* Click the System and Security icon.
* Click the System icon.
* On the left hand side of the screen, click Advanced system settings.
* Click on Environment Variables at the bottom of the window.
* Locate the PATH variable under User Variables and click Edit. If there is no PATH variable, skip to the next step.
* Insert a semicolon at the end of the current path
* Add the path to the bin subfolder of your installation of java to the end of the list. The path you enter will depend on where you installed Java, but it may be similar to the following:
  + - c:\program files\java\ jdk1.7.0\_04\bin
* If there is no PATH variable under User Variables, click New, and create a new variable named PATH with the value shown in the previous step. If there is only a single entry in your PATH variable, no semicolon is necessary.
* Click OK a few times to close the remaining windows.

After installing JAVA, to run the project from the folder you need to follow the below steps.

1. Download the complete source code. Unzip the folder named Traffic Simulation.
2. Now select the bin folder.
3. Now double click on run.bat present in bin folder to run the project.

To run the project through eclipse you need to install the following software’s:

1. Download Eclipse from <http://www.eclipse.org/downloads/packages/release/Luna/R>.
2. Click on eclipse for Eclipse IDE for Java EE Developers.
3. A new page will open on the right side below the download links. Select the type of operating system that you are using to download the software.
4. Unzip the downloaded folder.
5. Open the folder and Run the eclipse.exe file and install Eclipse.
6. Open Eclipse and select the workspace location where we want to save the source code files or the projects we will create in Eclipse will be stored at that location.
7. Now select file in the top menu and select the import option.
8. A pop up window will come. Under the general tab. Select the existing projects from workspace and Click next.
9. Browse the root directory where the project Traffic folder is available.
10. Now click next and finish.
11. Click on the run. Now the project start working.