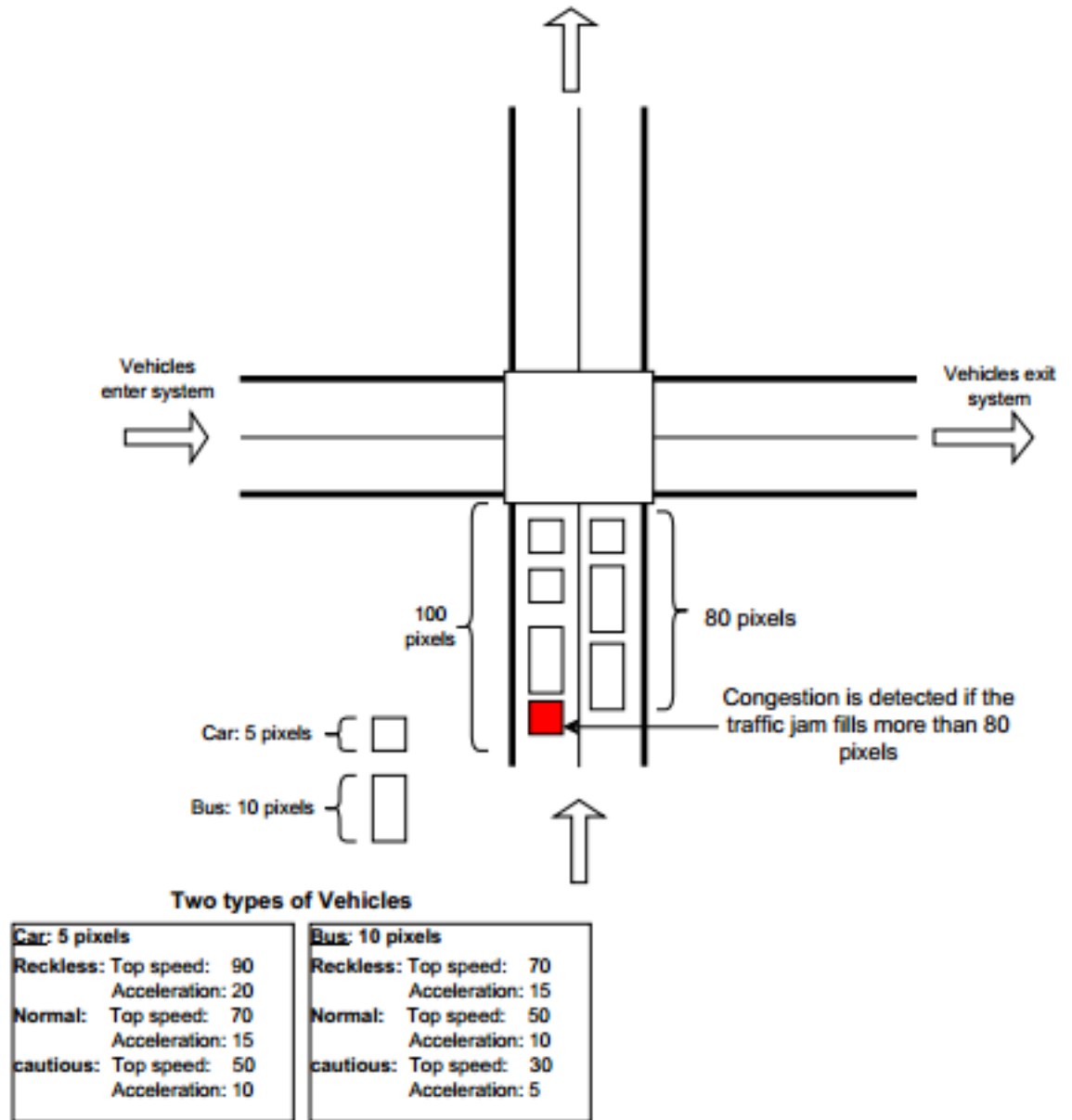# 1 15th of January 2015

The project was introduced and the group was formed and we exchanged basic information about ourselves. We decided that we would use Java and discussed the time of next meeting. And decided that we would meet every Thursday at 10 o'clock.

1.0.1 Members:

- Balazs Kiss

- Eddy Mukasa

- Gabb Visessmit

- Pongsakorn N. Riyamongkol

- Snorri Hannesson

Vehicles enter system

Vehicles exit system

100 pixels

80 pixels

Congestion is detected if the traffic jam fills more than 80 pixels

Car: 5 pixels

Bus: 10 pixels

Two types of Vehicles

Car: 5 pixels		Bus: 10 pixels	
Reckless:	Top speed: 90	Reckless:	Top speed: 70
	Acceleration: 20		Acceleration: 15
Normal:	Top speed: 70	Normal:	Top speed: 50
	Acceleration: 15		Acceleration: 10
cautious:	Top speed: 50	cautious:	Top speed: 30
	Acceleration: 10		Acceleration: 5

TwoTraffic management policies

Fixed time: Green light changes every 10 seconds or 20.
Congestion Control: When congestion is detected the time of the green light doubles in that direction for only one time and then resumes to normal.

3 21st of January 2015

We discussed more technical aspects of the implementation; what classes we would create and their interrelation, what GUI platform we would use, how we would implement tests and when to start the test phase and if one of us should have the role of a tester, what IDE is nice, how Github works, ect. We decided that we would use a project management style built on iterations, start with building a simple prototype and try move closer towards the final product in each iteration. Finally we allocated work among ourselves unit next meeting:

- **Everyone:** Think about how to implement the project.

- **Balazs:** Creating a project and making the first lines of code and put on Github.

- **Eddy:** Creating a first draft of a UML diagram.

- **Gabb and Neab:** Familiarise themselves with Github and GUI implementation with JavaFX.

- **Snorri:** Write meeting log, and start the initial report.