1. Introduction:
   1. Back group of the project.

Mr. George (our client) is working for the city of C#. He is primarily responsible for the traffic situation. Recently the city has endured a lot of accidents and because of this Mr. George wants to place some traffic-lights, in order to diminish the number of accidents. Before doing that, he wants to investigate whether these traffic-lights will not cause too many traffic-jams. In other word he needs a traffic-simulation program.

In order to build such a program, Mr. George find us and we are very happy to take over the job.

* 1. General introduction.

In this project, we are going to make an application which will simulate some different kinds of traffic situation. This project plan will involve the following main activities:

* Project statement: group member with what they are responsible for.
* Project phasing: every phase’s principles and description of the project.
* Management plan: money, skills, quality, schedule etc.
  1. Definition of the project. (It is also possible if you write the following part to somewhere else of the project plan.)

Quality:

* In this project, we are going to simulate some traffic lights with some different circumstances, so it should at least be:
  + Should not give any error when the application is running.
  + Should be controllable (better easy to control)
  + Should have different types of cross.
  + Should be easy to make some demonstration.

Constraints:

* Considering the fact that all of our team members are more familiar with C# than other programming language, we decided to use C# to make this application.
* It will take us about 14 working weeks to complete the whole project. (Including researching designing, implementing, testing, releasing).
* We only have limited meeting with our client. (Probably at the start and the ending of the project.)

Decisions:

* During the whole project, we will have meetings with our tutor every week to keep track of our progress and help us improve the product.
* There are 6 members in our group with 1 group leader; also there will be chairmen sectaries etc.
* In the 10th week (latest in the 11th week) there should be a prototype.
* In the 13th week (latest in the 14th week) there should be a release version.
* At the end of the project, we will make a presentation to show our product to our client.