Introduction:

* 1. Purpose of project management.

Before you start a project, it is really necessary for you to have a good project management, The purpose of project management is to foresee or predict as many dangers and problems as possible; and to plan, organize and control activities so that the project is completed as successfully as possible. So if you have a good plan, then you will have certain, clear mind about what you are going to make so that it will take less effect to achieve that. Otherwise you might spend more and money more time unnecessarily.

In our project, we will involve the following 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.
* (This part should be modified based on the project plan we are going to made. You might want to add some more items here.)
  1. Definition of the project.
* 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 during the process.
  + Should be controllable (better easy to control)
  + Should have different types of cross.
  + Should be easy to make some demonstration.
* There are 6 members in our group with 1 group leader; also there will be chairmen sectaries etc.
* 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).
* During the whole project, we will have meetings with our client every week to keep track of our progress and help us improve the product.
* At the end of the project, we will make a presentation to show our product to our client.
* Other details will be discussed in the following.