Use Cases/Requirements

Basic descriptions:

*Viewing (General):*

* The user must be able to view the packet traffic
* The user must be able to work with all valid traffic files

*Analysis:*

* The user should be able to have the system analyse the data
* The system should be able to identify potential causes of link disconnection
* The system should be able to highlight the potential causes of link disconnection to the user.

*Views (Statistics):*

* The user should be able to easily see the total number of data characters in the packet traffic.
* The user should be able to easily see the total number of packets in the packet traffic.
* The user should be able to easily see the total number of errors in the packet traffic.
* The user should be able to easily see the rate of data being obtained from the traffic.
* The user should be able to easily see the rate of packets being generated in the traffic.
* The user should be able to easily the rate of errors being found in the packet traffic.

*Views (Visualisation):*

* The user should be able to find visualisations of various aspects of the traffic, such as data rate changes.

*Non-functional requirements:*

* The system should run on Windows 7 and on later operating systems.
* The system must be fully completed by the 30th of September, 2016.