Milestone 1

Team Members : Anand Sriramulu , Arpit Panwar, Jitesh Gupta

Schedule

March 28th	Finalize the protocol and the basic outline of the program along with the data structures required and the number of threads that will be implemented
April 4th	Basic functional UDP chat model without support for the sequencer to be crashing
April 8th	Implementation of a election algorithm and supporting various error and corner cases.
April 12th	Testing and debugging and make sure all the necessary functionality of the chat service is maintained.
April 15th	Extra credit implementation of traffic control and fair queuing . We are planning on integrating extra credits of 5.3,5.4 and 5.5 as part of our initial design itself.
April 20th	If possible implement decentralized total ordering.

Task Division:

The design of the protocol and all the necessary data structure required will be decided in a team meeting.

Anand Sriramulu	Error handling with detection of the crashes of different users and implementation of the user side (non sequencer) side of the chat service.
Arpit Panwar	Implement the Election algorithm and determine the traffic congestion analysis and also some fair queuing policy implementation.
Jitesh Gupta	Error handling with detection for crashes and Implementation of the sequencer side of the chat service.

We will follow pair programming for the complete project where at any given point atleast two (if possible all three) members of the team will meet and the code will be written with a

projection on the screen so that everyone can give a input and also everyone understands all parts of the project.