CIS 505 final project proposal

Team member: Yuanjie Chen, Siyu Qiu, Zhi Li
Pennkey: yuanjiec, siqiu, zhili
Programming Language: C/C++

April 3: Sync up on fundamentals
- finalize design details: data structure, protocol states, system architecture
- figure out strategy to cope with traffic control
- consider coping with some EC quests along the way (e.g. 5.4)

April 10: Complete regular version with basic functionality
- Design and implement leader election protocal
- Design and implement total ordering
- Design and implement mechanism to deal with loss of message
- Design and implement strategy to handle user interaction (in/out)

April 23: Try to integrate extra credits into existing project
- Design and implement EC 5.1, 5.2, 5.3, 5.5, 5.6
- test extra credit portion of the project

Rough division of labor:
yuanjiec: data structure and leader election protocal implementation
siqiu: message format with encrypted version, total ordering implementation
zhili: deal with loss of message and implement strategy to handle user interaction