

Project Proposal

June 7, 2012

Topic

Simulation of ALOHA, Slotted ALOHA, CSMA and CSMA/CD Protocols

Team Members

Feiyang Ye (5093709088)
Jianliang Li (5093709091)
Xiaojie Yuan (5093709092)

Task Distribution

Simulation Coding Part

Task	Name
Simulation of ALOHA& Slotted ALOHA	Yuan
Simulation of CSMA	Li
Simulation of CSMA/CD	Ye

Project Report Part

Task	Name
Introduction	Ye
Simulation& Analysis of ALOHA& Slotted ALOHA	Yuan
Simulation& Analysis of CSMA	Li
Simulation& Analysis of CSMA/CD	Ye
Comparison of the Four Protocols	Ye
Conclusion	Li
Reference	Li

Development Environment& Programming Language

TBD

User Interface

TBD

Time Table

Time	Task
Week1	Study necessary knowledge about the four protocols.
Week2	Design protocols and finish the rough frames of them.
Week3	Design test cases, test, debug and improve performance.
Week4	Write the project report.
Week5	Make necessary modifications to the codes and report.