

Double Auctions for Electronic Commerce Using Three Phase Commit

May Thazin Myint Aung, Mu Mu Myint

*University of Computer Studies, Yangon
lovekaway7@gmail.com, 1987.mummyint@gmail.com*

Abstract

A general family of auction mechanisms that admit multiple buyers and sellers determine market-clearing prices. This system analyzes the economic incentives facing participants in such auctions, demonstrating that, under some conditions, it is possible to induce truthful revelation of values by buyers or sellers. This system performs a computational analysis of the auctioneer's task using Three Phase Commit for processing bids and calculating allocations. This system is implemented using ASP.net programming language.