ABSTRACT

IMPLEMENTATION OF VIDEO CONFERENCE SERVICE USING SIP PROTOCOL ON TELKOMSEL FLASH NETWORK

Utilization of information technology like multimedia through internet network become interesting communication and a lot of publics need it. This way effect for companies, services, campus, instantions, institution and etc. Nevertheless, for guidance corporation music class. Nowadays, they had utilized internet services for simplify their students. The students don't need inconvenient to go to their course, just with video call service through internet, they can learn with their teacher in home. So, they don't need to spent time and energy, because nowadays there is service called video conference.

Video conference is a service where the people in the different place can do video call in the same time, everybody can see and listen every member of conference live. Telkomsel Flash is a service based on internet, multimedia, and service based on IP. This service involve: internet highspeed, internet dial-up, VoIP (Voice over Internet Protocol) dan Video conference.

This final project integrate on Video Conference with Telkomsel Flash. With this implementation of video conference on Telkomsel Flash network, so it can be done advisability test from that implementation with QoS (Quality Of Service) measuremen average delay means good with jitter 19,66, its means low remain.and throughput average and mos 1 which means bad.

Keywords : HSDPA, Internet, Video conference, QoS