

ABSTRACT

At present, the fact that telecommunication technology moves very fast, as well as the increasing needs of the customer, have definitely required. Service to make the best possible efforts to meet customer's every single need. Like we know the network that is usually used is the copper network. Copper still has so many minuses. So that, we need the replacement solution in order that the necessary that keep on growing rapidly can be fulfilled. The application of ADSL is one of the alternative to solve the problem.

ADSL (Asymmetric Digital Subscriber Line) is one of xDSL variant's that's process transmission capacity linked to the central office or vice versa. Speedy service is DSL – based technology (Digital subscriber line) that can be accessed in high speed internet and use telephone in the same time. But the fact Speedy is only used to data services, meanwhile Speedy can be used to some services like VoIP and Video Conference.

Video Conference is the service that some people at the different place can do video call at the same time, but beside the voice each person can see all the member of conference in online.

This final project will integrate the video conference with ADSL Speedy by doing the implementation of video conference in Speedy ADSL network, so we can do the testing for implementation feasibility by analyze QoS (Quality of Service).

Key word : ADSL , Speedy, *Video Conference*