

## ABSTRACT

*Increasingly widespread use of multimedia systems in various fields who do not escape the effect of advancement in information technology and computers. Multimedia system functions is one of them can be implemented in the network visualizing Very Small Aperture Terminal (VSAT) applications in particular teleconference.*

*In this final project, Implementation of multimedia systems application teleconference via VSAT network using simulated images and animated images are displayed with an attractive color options so that users feel comfortable. With simulated images and animated images the user can see how the process of data flow in communications media. In making this application is supported by various software supporting software such as Adobe Photoshop, Adobe Flash CS 4 and Sound Recorder.*

*The results of the application design based on questionnaire data show the composition of color and animation has the lowest satisfaction levels compared with other items, with the percentage of 40%. For the content of the material, all have high levels of satisfaction quite satisfied, with the percentage of 40%, 43.3%, 56.6%, 50%, 53.3%, 53.3% in the technical conditions when executed, the application can run properly but there are also things that happen like the sound preceded the animated image, the material can not display video and display material in a fairly long delay. This is because the kind of computer specs are owned by different users. Then the results of the overall assessment of application stating the respondent has agreed to display the Applications menu has an attractive design and easy to use and can be used as supporting Data Communications courses.*

*Keywords: multimedia, Flash, SIP, teleconference, VSAT*