

## ABSTRACT

Technology of Multimedia is represent solidarity of hardware and software computer technology with electronic technology. Growth and exploiting of technology of multimedia used many almost in all activity aspect. Growth of technology of multimedia oblige real applying in world of education including in college to be one of the study method.

At the Technique of Switching, there are items about MPLS. But the items not yet earned to be comprehended maximally. Difficulty to understanding the items because of difference in speed to understanding the items from each student. To help understanding the MPLS items, so made CBT (Computer Base Training) which can used more interactive by user to study about MPLS.

The method of making this CBT that is with literature study to compilation of items, study of software using Macromedia Flash 8, interview with somebody which competence like lecturer, formulation of problem, data collecting, scheme, implementation, analyse result by give the kuisioner and tes CBT module to responder.

As for reached result are 60% responder express to satisfy to equipment of items, 45,714% responder agree that made CBT MPLS can become facility supporter of technique of switching, 54,286% agree that made CBT MPLS have interesting desain and interaktif and 51,429% responder express to agree that made CBT MPLS assist they comprehend items of MPLS.

**Key Word :** CBT (*Computer Base Training*), MPLS (*Multi Protocol Label Switching*), *multimedia*, study method.