ABSTRACT

Computer Engineering Study Program is one of the Study Programs in the Faculty of Electrical Engineering, Telkom University. This Study Program has three specialization branches, namely Intelligent System, Computer Architecture, and Mobile Computing. But until now, there are still many students who take specialization that is not in accordance with their interests and talents.

This final project aims to implement the Fuzzy algorithm into the system to recommend one of the three specializations contained in the Computer Engineering Study Program. With the existence of this system, it is expected to be able to help someone in choosing or considering the specialization that will be taken.

The results of this final project are that students can be helped to fing out the appropriate specialization for them from the three specializations in the Computer Engineering Study Program.

Key Word: *Adaptive-test, Interest, computer-based test, computer engineering*