ABSTRACT

Learning process in college can be said to be successful if students can fulfill graduation requirements, one criterion is the value. Value can describe ability possessed by the student from learning outcomes have been fulfilled. Therefore, the value to be considered for the improvement of learning process in improving quality of education.

Parameter used as a reference is students ABET criteria, which explained that the education program must have procedures to make sure and documenting that students who graduate fulfill all graduation requirements. In addition, students are also given an explanation of the curriculum and prepare students for careers in order to be ready to compete in the world of work.

Backtrack the detail of student value is made to help students and lecturers in providing an assessment based on learning outcomes and achievement criteris predefined. By tracking the details of values, students can also know the learning outcomes and any material that has been or has not been fulfilled as a reference for learning. The value of the
learning outcomes can also be used to give recommendation IT profession.

Testing is done by taking the data value of detail study program student outcomes. Where previously be mapped of the data to the detail outcomes of the study program in the information technology profession. From the data values generated, the calculation is done using the method of AHP to provide profession recommendation.

Based on testing of four students, profession recommendation in information technology given appropriate with the student's outcomes. The most recommended profession has the highest value of AHP calculation is about 0.4 to 0.5.

**Keyword :** ABET, AHP method, Backtrack the detail of value, Improvement quality of education, Recommendation IT Profession.