# ABSTRACT

This final project selection decision system refers to the student  new SMA 3 Lhokseumawe using Simple Additive Weight (SAW). To process the data selection admissions  new  still use non-database, namely Microsoft Excel and Word, then to obtain student data  pass pure, pass up, and do not pass are not very accurate so the need for a system that can  accurate, because the number of students are so many and the criteria for determining the amount of data. Then the problems which will be discussed how to analyze the determination of the student selection system design new at SMA 3 Lhokseumawe more efficient. The application of the system are designed to form the setting value, the form of prospective students, and form selection. The results were obtained number of prospective students  who did not pass because the number of criteria that must be met in the form of lack of data administration, test scores, grades Koran capabilities, values and value Diploma interviews. So from the data processing are pure pass data report, pass up, and did not pass.

Keywords: pure pass, pass up, do not pass, the system, accurate.