***ABSTRACT***

*At present, the activity of predicting student graduation can be planned in terms of enhancing and defending student performance during the study period which will have a major influence on the academic achievement of students concerned. Discussing about student graduation, there are many cases of failure that occur where student graduation makes a very significant decrease in academic achievement, therefore a treatment is needed to minimize the occurrence of similar failures.*

*In solving the problem, researchers built a computerized system by implementing the Fuzzy Logic method and also Naive Bayes (NB). Both methods are applied to produce predictions of student graduation. Making the following computerized systems using the Codeigneter programming language and MySQL database. Predictions generated from research will provide knowledge of the final graduation of students, which based on these results lecturers can provide treatment to students who are predicted not to pass. Treatment given serves as an early treatment for unwanted failures. With the following computerized system, it is expected that academic achievement from students can improve and become even better.*

*Keywords: Assessment, Prediction, Graduation, Fuzzy Logic, Naive Bayes, Codeigniter, MySQL.*