Abstract
Syllabification is the process of dividing words into syllables or syllables. In Indonesian, the current syllabic process is built using a rule-based method and is applied to grapheme sequences so that the performance is low. To overcome this problem, a method that works locally will be applied which will determine the pronunciation of syllables in a word. In this research, a system will be built with the method used is Long Short-Term Memory (LSTM). The LSTM method this time will be used to cut words in Indonesian properly and correctly.

Keywords: Grapheme, Silabification, Long Short-Term Memory(LSTM).