

ABSTRACT

Sundanese language is one of the local languages in Indonesia which has a particular dialect pronunciation. Its dialects were varied and often seem difficult in pronunciation to be spoken by someone other than the original Sundanese.

Therefore, in this final task will be made a test application Sundanese vocabulary pronunciation based on Android. To perform the extraction of characteristics used method of MFCC (Mel-frequency cepstrum Coefficient), while the pronunciation comparison method used Euclidean Distance. In addition, with this application made on the Android then hopefully facilitate access by user applications, so users can use it whenever and wherever the place.

The average accuracy of this application is 89.34%. While the chance of error is of 0.22 for the comparison of different words, and 0.3 for the comparison of the same word.

Keywords: Android, pronunciation, MFCC