ABSTRACT

In the current era, technology is needed even in the use of dictionaries. A dictionary is a medium that can be interpreted as a book that contains the meaning of a foreign word or term. Some people now no longer use dictionaries because the use of book-based dictionaries takes a long time to search. Therefore, an application is made that can reduce the time in searching the meaning of words in the dictionary. In this application created using Android Studio which is applied to Smartphones. The use of this application is very efficient in searching for the meaning of a word in the dictionary by using Speech to Text. Based on tests that are proven at a distance of 0 meters and 3 meters, the level of accuracy of the trial is 100%, and testing at a distance of 6 meters and 12 meters respectively, the level of accuracy is 50% and 25%, therefore the ideal test in application testing is at a distance 0 Meter and 3 Meter. In this application does not reduce the function of conventional dictionaries.

Keywords: Android, Dictionary, Speech to Text