Dictionary is a reference book that we used to translate a language / foreign terms. Generally, the following is alphabetical with description of its meaning, its use, or its translation. Similarly, the dictionary of computer terms is needed in translating the computer term. So many methods of algorithms that can be used in the making of an dictionary application, one of them by using the algorithm of Knuth Morris Pratt (KMP). With this algorithm, any text that we translated will be reviewed by words then searched for compatibility with the word equivalent in terms desired. In this study the authors will perform an analysis and a tests on the application of this Knuth Morris Pratt algorithm in computer terms dictionary app on Android smartphone. Is obtained by using the algorithm of Knuth Morris Pratt that this application can help users gadget to search for words or terms in the dictionary of computer -based Android.

Keywords: Algorithm, String Matching, Knuth - Morris - Pratt (KMP), Dictionary, Android.