ABSTRACT

WAP system is the new technology that makes the mobile phone users easier to connect to the Internet during their day life. It is the technology that helps the users to not miss the important news even though they are playing golf.

Mobile dictionary is the WAP application that offers the users use of dictionary via mobile phone. The option services of mobile dictionary provide vocabularies in two languages. These are Thai to English and English to Thai option. This application is written by Wireless Markup Language (WML) and Personal Home Page (PHP).

Mobile dictionary can be accessed in other methods except using directly on mobile phone. These are Nokia 7110 mobile phone, WAP emulator, and Opera browser. WAP gateway of mobile dictionary system is set at Thailandfn Web site. The Origin server that is set as the database of mobile dictionary is the Lexitron Dictionary provided by NECTEC Web site.

Mobile dictionary system offers some benefits to the users. It is easy to use and can be portable to anywhere with their mobile phone. However, there is some limitations to develop mobile dictionary to completeness.

This report provides all the details to develop mobile dictionary. These start from the literature review until system evaluation. It also includes the recommendations for the future work.