

Projects on Islamic Edutainment and Islamic Systems

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Editors

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18. MOBILE ENGLISH THESAURUS APPLICATION

Zetty Juzianty Zainoddin and Norsaremah Salleh

ABSTRACT

This chapter describes about the development of a mobile-based application known as Mobile English Thesaurus. The development of this application is mainly to enhance the usefulness of mobile phones for Muslims. This chapter contains the background work of this project, the methodology, the requirement and the design of the project. The development of this application is using the Java 2 Micro Edition platform and J2ME Wireless Toolkit emulator as the development tool.

18.1 Introduction

“Mobile applications are services provide on different terminals independent of any underlying networks”.

This Mobile English Thesaurus Application is an application proposed to be embedded in mobile devices. The significance of this project is that it helps in overcoming the issue of using the traditional or paper based dictionary. Traditionally or using a paper based dictionary, users have to perform searching of words either one by one or page by page. Hence, this is a time consuming activity. If users do not know the correct spelling they might find the wrong words.

Dictionaries are typically bound in a thick volume. So whenever users wanted to make a reference they have to bring or refer to such a bulky book. In other words, the traditional common dictionary may not be convenient to be used at all times. Another problem which might occur due to the use of manual dictionary is that it is made from paper, thus there is a tendency for the binding to be loose or some pages may be torn. Therefore user cannot find the words.