MOBILE SMS ALERTS FOR ISLAMIC EVENTS AND WORSHIPS

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MOBILE SMS ALERTS FOR ISLAMIC EVENTS AND WORSHIPS

A project submitted to Dean of Postgraduate Studies and Research in partial Fulfillment of the requirement for the degree Master of Science of Information and Communication Technology Universiti Utara Malaysia

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ABSTRACT

In the last decade, the mobile phones' usage grown up by an increased number of users, where the mobile phones become a part of people life. The mobile phones today provide more than voice call service. The aim of this project is to help the Muslims to reach the Islamic events and worships using mobile phone technologies by sending SMS messages to their mobile phone devices to stay up to time. The user will subscribe to the services he/she wants to be notified about them. He/she can either choose all of SMS services' types or select the favorite SMS services to him/her.

Dedication

إهداء

إلى من سقتني بحنانها، و إلى من رعاني بعطفه، إلى أمي وأبي اللذان تعبا وسهرا من أجلي و بارك الله لي بدعائهما...

إلى التي وقفت بجانبي في السراء والضراء وكانت عونا لي، إلى زوجتي المخلصة...

إلى التان آنستا وحشتي وأضحكتا قلبي، إلى ابنتي أروى ونسيبة...

إلى أخي وأختاي المحبين اللذين شجعوني...

إلى أهلي وأحبابي وأصدقائي اللذين لم ينسوني ولم أنسهم...

أهدي لهم هذا العمل...

عمر فاروق أحمد السالم

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Omar Farouk Ahmed Al-Salim

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LIST OF ABBREVIATIONS

CEPT	Conference of European Posts & Telegraphs
DCS	Digital Cellular System
ETSI	European Telecommunication Standards Institute
GPRS	General Packet Radio Service
GSM	Global System for Mobile communications
ISDN	Integrated Services Digital Network
JSP	JavaServer Page
PCS	Personal Communications System
SIM	Subscriber Identity Module
SMS	Short Messaging Service / Short Message Services
WAP	Wireless Application Protocol

CHAPTER ONE

INTRODUCTION

This chapter describes in brief the background of the study which includes in the main the need for mobile service to remind the Muslims with Islamic events and worships. The chapter presents the problem statement, the research questions and research objectives. Moreover, the scope of the research, the research significance, the report structure as well as the summary of the chapter are emphasized in this chapter.

1.1 Background

Since the earlier ages of using technology, the inventors and scientists were always trying to create methods and develop techniques sequentially to achieve the most flexible and easiest ever life for all human kind.

Nowadays, mobile technology that occupies a wide area of our daily life since it is very rarely to find any person who did not own a mobile; more over the mobile devices are considered as very flexible devices as they are easy to use and to be carried out everywhere by the users.

People always want to be in control. They need real-time information whenever and wherever they need. For instance, with the advance of technology, mobile phone is no longer a luxury item. It is easily available and possessed by most people around the globe.

The contents of the thesis is for internal user only

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