

# Projects on Islamic Edutainment and Islamic Systems

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INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA

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## Editors

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## TABLE OF CONTENT

1. QUEEN OF SHEBA	15
2. STOP MOTION ANIMATION: ANTI-KIDNAPPING AWARENESS CAMPAIGN	19
3. MUS'AB 'UMAYR: THE GREAT MARTYR OF THE MUSLIM NATION	29
4. AL BIRUNI – THE GREAT ISLAMIC SCIENTIST	33
5. TRUTH PREVAILS	45
6. ASHABUL-KAHFI	51
7. CLAY ANIMATION USING STOP MOTION TECHNIQUE: REPENTANCE	59
8. "YOUR MOTHER"	69
9. Hijrah of Rasulullah S.A.W	77
10. ISLAMIC MARRIAGE PRINCIPLE	84
11. MOBILE SOLAT REMINDER (MOSiR)	91
12. MALAYSIAN PAST LEADERS	101
13. IUM STUDENT'S CONVOCATION SYSTEM	107
14. AIKIDO PORTAL	113
15. BOSNIA TRAVEL CHANNEL	117
16. MAHALLAH HAFSA ONLINE	129
17. DISCIPLINARY RECORD SYSTEM FOR MAHALLAH	135
18. MOBILE ENGLISH THESAURUS APPLICATION	139

19. CHALLENGES OF ISLAMIC EDUTAINMENT AND SYSTEMS	144
20. FUTURE DIRECTION OF ISLAMIC EDUTAINMENT AND SYSTEMS	148

## 11. MOBILE SOLAT REMINDER (MOSIR)

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Nurulwahida M. Othman and Norsaremah Salleh

### ABSTRACT

This chapter reports on the development of mobile application known as Mobile Solat Reminder (MOSiR). MOSiR is an application developed to be embedded on Nokia 60 Series-based mobile phone. The functionalities of this application include Adzan Reminder and Clock, which also can be used as a screen saver of the phone. The calculation of the Adzan is determined by the location (entered by the users), which then determines the latitude and longitude. MOSiR is developed using Java on Java 2 Micro Edition technology. This chapter describes the development methodology of MOSiR which include the introduction, problems descriptions, proposed solution, software design and some prototyping interfaces.

### 11.1 Introduction

Many Muslims today are working as professionals or studying in university. The common thing about the two scenarios is that they are busy working and rushing in meeting their deadlines. Though it is not the case for some Muslim countries, it could be seen in Malaysia. With high educational level, Muslims nowadays are able to obtain good position in local as well as multi-national companies. Nevertheless, as a Muslim, success is not measured merely by material but more importantly, by how much Allah, our creator, bless us and love us.

In getting Allah's love, Muslims have to perform their duties and restrain themselves from forbidden things. One of the most important duties is performing solat, which is also known as the pillar of Islam. If