

The Web

Its Utilisation, Evaluation
and Security

Media Anugerah Ayu



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Editor

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CONTENTS

Preface	v
Acknowledgement	vi
1. eSurvia: A Web-based Survey Tool Using Fuzzy Conjoint Analysis <i>Media Anugerah Ayu, Siti Aisyah Ismail, Abu Osman Md Tap</i>	1
2. Hajj Pilgrims Tracking and Monitoring System <i>Teddy Mantoro, Media Anugerah Ayu, Md. Akhtaruzzaman, Murni Mahmud</i>	11
3. Online Student Attendance Monitoring System <i>Murni Mahmud, Zatil Azyyati Mustapha</i>	23
4. Web-based AHP System <i>Media Anugerah Ayu, Fadwa Gamal Mohammed Al-Azab</i>	35
5. A Guideline for Using Web-based AHP System <i>Media Anugerah Ayu, Fadwa Gamal Mohammed Al-Azab</i>	49
6. Al-Islam Hospital Human Resource System <i>Muhd Rosydi bin Muhammad, Fatima Hasan Ali Munassar</i>	58
7. Kulliyah of Information and Communication Technology (KICT) Postgraduate System <i>Teddy Mantoro, Media Anugerah Ayu, Ahmad Haitham Bin Yusop</i>	71
8. A Web for Supreme Judicial Institute Library in Yemen <i>Media Anugerah Ayu, Abdulraoof Mohammed Al-Ghashm</i>	81
9. Course Advisor System <i>Abdul Rahman Ahlan, Nur Farhana Binti Ahmad</i>	91

10. Children Educare Center System	
<i>Murni Mahmud, Muhammad Firdaus B Abd Karim</i>	105
11. Angkatan Belia Islam Malaysia (ABIM) Membership Management System	
<i>Husnayati Hussin, Amila Norjihah bt Musa, Wan Nur Asma bt Wan Ahmad Puad</i>	119
12. Intelligent Public Transport Guide System for Kuala Lumpur	
<i>Media Anugerah Ayu, Mohd Faisal bin Jamil</i>	131
13. E-Government Initiatives in Palestine	
<i>Mohamed Elgharabawy, Media Anugerah Ayu</i>	141
14. An Online Badminton Motion Tracking System	
<i>Normaziah A. Aziz, M. Amar Odenan, Taufiq M. Khadafi</i>	149
15. Web-based Application That Support Active Learning	
<i>Jonathan Mamangkiang Mantikayan, Media Anugerah Ayu</i>	159
16. The Use of SAS for Enterprise Data Management	
<i>Mansur Aliyu, Murni Mahmud</i>	168
17. Open Source Content Management Systems (CMS): Issues and Challenges	
<i>Mohamed Elgharabawy, Media Anugerah Ayu</i>	180
18. Web Application Development Process	
<i>Adamu Ibrahim Abu Bakar, Teddy Mantoro</i>	189
19. Multimedia Elements and Internet	
<i>Maimona J. Badi, Akram M. Zeki</i>	198
20. A Survey on Islamic Websites for Children	
<i>Zaidoon Kh. Abdulatif, Mustafa Nasser Ayif, Murni Mahmud</i>	202
21. Fuzzy Computing with Expressions for Evaluating Fonts Styles on Children Websites	
<i>Murni Mahmud, Noorhazwani Raja Mohd, Abu Osman Md Tap</i>	211

22. A Research Framework for User Centered Web Development <i>Media Anugerah Ayu, Noor Azura Zakaria</i>	219
23. A Framework for Heuristic Evaluation on Islamic Websites <i>Murni Mahmud, Abu Osman Md Tap, Mansur Aliyu</i>	226
24. Web Usability Survey Measurement <i>Media Anugerah Ayu, Noor Azura Zakaria</i>	234
25. Measuring Information Contents Quality of E-Services through Mobile Devices <i>Ikhlas Zamzami, Murni Mahmud</i>	240
26. Verification of Scholars and References in Islamic Websites <i>Murni Mahmud, Rasheed Muhammed Nasser, Abu Osman Md Tap</i>	250
27. Security of Multimedia in the Web <i>Akram M. Zeki</i>	257
28. Web Application - What Makes it Secure or Insecure? <i>Normaziah A. Aziz, Nor Harisah Zainuddin.....</i>	263
29. A Single Door to the Kulliyyah of Information and Communication Technology (KICT) Online Services <i>Media Anugerah Ayu, Mohamed Elgharabawy, Mohammad Al-Mohaifer, Mamdooh Rameez</i>	272

2. HAJJ PILGRIMS TRACKING AND MONITORING SYSTEM

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ABSTRACT

Hajj Pilgrim tracking system circumscribes three major areas from the user perspectives and accumulates together as an integrated and interactive monitoring system to apply in pervasive conglomerating environment during Hajj ritual. The Hajj is one of the most important activities and also one of the five pillars in Islam which is mandatory (if some important factors are fulfilled) for Muslims and has to perform at list one time in his or her life by visiting the Holy Ka'aba in Makkah with some holy activities. Missing pilgrims, locating lost, injury, health problem etc. are frequently encountered during Hajj that occurs sorrowfulness in their relatives' minds as well as the responsible committees. To reduce these problems and also to provide helps to the pilgrims, a new Hajj Pilgrim tracking system is proposed. Architectural and functional overview of the proposed monitoring and tracking system for Hajj Pilgrims are also presented in this chapter.

2.1 INTRODUCTION

Hajj is a huge congregation of Muslims which is the fifth pillar of Islam and occurs only once in a year in the holy place of Makkah, Kingdom of Saudi Arabia (KSA). Millions of Muslims from all over the World gather at Makkah to perform Hajj. Among 2.8 million pilgrims, 1,799,601 (64.27%)