Collaboration, Communities, Well-being and Information System

Abdul Rahman Bin Ahmad Dahlan
Muhd Rosydi Bin Muhammed

IIUM PRESS
INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA
COLLABORATION, COMMUNITIES, WELL-BEINGS AND INFORMATION SYSTEMS

Abdul Rahman bin Ahmad Dahlan
Muhd Rosydi bin Muhammad

IIUM Press
# Table of Content

1. Government, Many Agencies and The Malaysian Student Integrated System
   Abdul Rahman Ahmad Dahlan, Abd Wafiy Sahar, Abdul Halim Mahmood, Mohd Farith Che Rohim, Muadz Ahmad Raji, Muhammad Ridha Atiq Mohd Radzi and Muhd Rosydi Muhammad

2. Malaysian Islamic Matrimonial Online System
   Abdul Rahman Ahmad Dahlan, Noordiyana Bt Abd Samad, Nor Atikah Ab Kadir, Nurdayana Fadzlin Binti Mohamad Safie, Nurul Diyana Binti Ahmad Fauzi, Juhanifah Bte Musa and Aznan Zuhid Saidin

3. Knowledge Management Initiative in International Islamic University of Malaysia (IIUM)
   Muharman Lubis, Ikhlas Zamzami, Hanan Fatani, Ismail Ibrahim Abdul Rahman Ahmad Dahlan and Mohamad Fauzan Noordin

4. IslamicGRID and Knowledge Management
   Al-Abrar bin Abdul Wahid, Hissein Aboubakar, Mamdhooh Rameez, Mohammad Salem AlMohaifer, Abdul Rahman Ahmad Dahlan, Kamarudin Hj Dolmoin and Mohamad Fauzan Noordin

   Zaidoon Kh. Abdulatif, Abdul Rahman Ahmad Dahlan, Ismail Mahmoud, Muhammed Aydin and Muhd Rosydi Muhammad
6. Malaysia National Library and Knowledge Management Initiative
Nurul Ibtisam Yaacob, Zaidoon Kh. Abdullatif, Khalid Osama, Mustafa Nasser Avif, Montadzah Ambag Abdulghani, Abdul Rahman Ahmad Dahlan, Nafisah Ahmad and Mohamad Fauzan Noordin.....49

7. 1 Touch l-Care System: Collaborative Web-Based Solution
Abdul Rahman Ahmad Dahlan, Khairunnisa’a’ Ab Hamid, Nur Atiqah bt Mat Sahuri, Ruhana Abdul Halim, Nor Aishah Abu Talib and Muhd Rosydi Muhammad ..........................................................................................................................57

8. Enhancement of Zakat Distribution Management System: Case Study in Malaysia
Muharman Lubis, Nurul Ibtisam Yaacob, Yusoff Omar, Abdul Rahman Ahmad Dahlan and Aznan Zuhid Saidin.................................67

9. Mosque-Based Collaborative Healthcare System (MCHS): Malaysia Case Study
Azizah binti Hassan, Hindh Ali, Nakkazi Rukia, Abdul Rahman Ahmad Dahlan and Aznan Saidin.....................................................78

10. Collaborative Decision Making in University Selection
Al-Abrar Abdul Wahid, Hissein Aboubakar Idriss, Muhammad, Abdul Rahman Ahmad Dahlan and Muhd Rosydi Mushammad.................................89

11. e-One Portal in Delivering Services
Abdul Rahman Ahmad Dahlan, Shafiyah Nabilah, Siti Juliana Bt Latimian, Nur ‘Atiqah Bt Yahaya, Noor Azirah Bt Mastor, Norbairah bt Kamil and Aznan Zuhid Saidin .................................................................99

12. Community Landslide Collaboration System (COL) for Disaster Prevention, Mitigation and Preparedness
Abdul Rahman Ahmad Dahlan, Asmawati Mamat, Norhafizah Ahmad Shabri, Siti Khariah Shaari and Aznan Zuhid Saidin.......... 107

13. A Concept Study on Community-Based Disaster Management System in Malaysia

vii

Abdul Rahman Ahmad Dahan, Ana Uswatun Khasanah, Aqqiela Zuhra Zuhedy Zay, Hanna', Hemalatha A/P Kunasaikaran and Mohamad Fauzan Noordin

15. Eco-Friendly Products: A Case Study of Level of Awareness in International Islamic University Malaysia (IIUM)

Abdul Rahman Ahmad Dahan, Muniratul Huda Binti Fisar, Azimah Binti Abd. Samad, NorAzleen Binti Othman and Muhd Rosydi Muhammad

16. Management Disaster for Charity Donation System to Malaysian Community

Abdul Rahman Ahmad Dahan, Salwana Bt Zaini, Norfarah Aziella Bt Tajip, Saidatul Nadila Bt. Saad, Noor Ain Bt. Mohd Salim, Siti Nuramanina Bt Hamdan and Muhd Rosydi Muhammad

17. Malaysia Petrol Subsidize Authorization Card System


18. Interactive Online Learning (IOL) Collaborative System

Abdul Rahman Ahmad Dahan, Nor Diana Bt Nordin, Nur Izzati Murni Bt Murtadzo, Khairunnisa Hanina Bt Ahamad Mohrodi, Siti Arbaiyah Bt Mahamad Ramli, Farah Nurafiqah Hanis Bt Abd Hadi and Aznan Zuhid Saidin

19. Collaborative Disaster Management System: An Exploratory for Landslide in Malaysia
Mohammad Salem Almohaifer, Dramane Mohamed A. Islam, Abul Kalam Azad, Abdul Rahman Ahmad Dahlan and Muhd Rosydi Muhammad ................................................................. 179

20. **Health-Care Collaborative System: (HCCS): A Concept**

Ikhlas Fuad Zamzami, Md. Nesar Uddin, Hanan A. A. Fatani, Abdul Rahman Ahmad Dahlan and Muhd Rosydi Muhammad ................. 189


Abdul Rahman Ahmad Dahlan, Omar Magomedov, Muhammad Fadhle Ikram bin Abd. Hamed, Jamshid Irgashev, Umidjon Komilov and Muhd Rosydi Muhammad ...................................................... 199

22. **End-to-End Enhancement of International Islamic Digital Library at the National Library of Malaysia**

Amina Hamith, Nur-Adib Hayiyusuh, Noor Hayani Abd Rahim, Reem Mata, Abdul Rahman A. Dahlan and Muhd Rosydi Muhammad .... 210

23. **Collaboration System towards Program Anak Emas in Malaysia (SPANE)**

Abdul Rahman Ahmad Dahlan, Shairazi bin Sauki, Khairul Idham bin Rusmadi, Muhamad Hafizi bin Shuib, Mohd Mumtaz bin Man Sort, Mohd. Toriq Khan bin Mohamad Niyaz Khan and Muhd Rosydi Muhammad .................................................................................. 220

24. **e-Ladies: A Website that Collaborate with Woman Organizations**

Abdul Rahman Ahmad Dahlan, Siti Aminah Mohd Naim, Yasmin Adiela Saadon, Nurul Aqilah Mohd Zarani, Nurul A'tiyah Ahmad Lotfi, Nurul Amalina Bt Abd Aziz and Muhd Rosydi Muhammad. 230
25. e-Life Web-Based Application of Birth and Death Certificate

Abdul Rahman Ahmad Dahlan, Hafsah Mansor, Sopiyah Tayongpakor, Miss Nipattra Hajiwangoh, Eslam Abdurabuh Ahmed, Nur Nadirah Shamsuddin and Muhd Rosydi Muhammad .......................... 238


Abdul Rahman Ahmad Dahlan, Zuneka bt Masnor, Shamira bt Zanurin, Fatimah bt Fauzi, Nur Mahfuzah bt Mohamad Amin and Muhd Rosydi Muhammad................................................................. 248
20. Health-Care Collaborative System: (HCCS): A Concept

Ikhlas Fuad Zamzami, Md. Nesar Uddin, Hanan A. A. Fatani, Abdul Rahman Ahmad Dahlan and Muhs Rosydi Muhammad

ABSTRACT

Health Sector is one of the most important sectors of a country. Obviously, compared to decades ago health-care centers have advanced significantly, especially with the implementation of hospital management system, enterprise resource planner and supply chain management. In addition, telemedicine has opened a new arena in health sector. However, there have been several attempts by researchers to examine electronic collaboration between the health-care centers owing to inadequate collaborative systems in place for the health-care centers. This paper investigates the current situation of health-care collaboration system, and come up with a proposal for a deployment approach that can be adopted for implementing collaborative systems in health care centers.

20.1 INTRODUCTION

Many organizations nowadays are seeking to create a collaborative environment among their component areas by providing a building block for all of them under one name with many types of services. A collaborative system can be defined as an interaction between two or more systems actively engaged in a variety of integrative actions, such as communication, information sharing, coordination, cooperation, problem solving, and negotiation. It will bring substantial benefits to Internet users if we can build an integrated collaboration environment, which combines many components from same area to be under one collaboration system via a single easy-to-use, intuitive environment.