

Collaboration, Communities, Well-being and Information System

Abdul Rahman Bin Ahmad Dahlan
Muhd Rosydi Bin Muhammad



IIUM PRESS

INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA

COLLABORATION, COMMUNITIES, WELL-BEINGS AND INFORMATION SYSTEMS

Abdul Rahman bin Ahmad Dahlan
Muhd Rosydi bin Muhammad



HUM Press

Published by:
IIUM Press
International Islamic University Malaysia

First Edition, 2011
©IIUM Press, IIUM

All rights reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without any prior written permission of the publisher.

Perpustakaan Negara Malaysia

Cataloguing-in-Publication Data

Bibliography p.
Includes Index

ISBN

ISBN: 978-967-418-102-4

Member of Majlis Penerbitan Ilmiah Malaysia – MAPIM
(Malaysian Scholarly Publishing Council)

Printed by:
IIUM PRINTING SDN. BHD.
No. 1, Jalan Industri Batu Caves 1/3
Taman Perindustrian Batu Caves
Batu Caves Centre Point
68100 Batu Caves
Selangor Darul Ehsan

TABLE OF CONTENT

1. 1 Government, Many Agencies and The Malaysian Student Integrated System

Abdul Rahman Ahmad Dahlan, Abdul Wafiy Sahar, Abdul Halim Mahmood, Mohd Farith Che Rohim, Muadz Ahmad Raji, Muhammad Ridha Atiq Mohd Radzi and Muhd Rosydi Muhammad1

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..... 10

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..... 18

4. IslamicGRID and Knowledge Management

Al-Abrar bin Abdul Wahid, Hissein Aboubakar, Mamdhoo Rameez, Mohammad Salem AlMohaifer, Abdul Rahman Ahmad Dahlan, Kamarudin Hj Dolmoin and Mohamad Fauzan Noordin..... 29

5. Collaborative Healthcare System: A Citizen-centric and Whole-of-Government Approach in Malaysian Healthcare

Zaidoon Kh. Abdulatif, Abdul Rahman Ahmad Dahlan, Ismail Mahmood, Muhammed Aydin and Muhd Rosydi Muhammad38

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 I-Care System: Collaborative Web-Based Solution

Abdul Rahman Ahmad Dahlan, Khairunnisaa' 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 Muhammad.....89

11. e-One Portal in Delivering Services

Abdul Rahman Ahmad Dahlan, Shafiyah Nabilah, Siti Juliana Bt Latiman, 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

Binyamin Ajayi Adeniyi, Bakhtiyar A. Hussein, Mustafa Naseer, Abdul Rahman Ahmad Dahlan and Muhd Rosydi Muhammad..... 118

14. My-AKSARA: Literacy Project in Malaysia (LPIM) Using Cloud Computing

Abdul Rahman Ahmad Dahlan, Ana Uswatun Khasanah, Aqqiela Zuhra Zuhedy Zay, Hanna', Hemalatha A/P Kunasaikaran and Mohamad Fauzan Noordin..... 128

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

Abdul Rahman Ahmad Dahlan, Muniratul Huda Binti Fisar, Azimah Binti Abd. Samad, NorAzleen Binti Othman and Muhd Rosydi Muhammad 138

16. Management Disaster for Charity Donation System to Malaysian Community

Abdul Rahman Ahmad Dahlan, Salwana Bt Zaini, Norfarah Aziella Bt Tajip, Saidatul Nadila Bt. Saad, Noor Ain Bt. Mohd Salim, Siti Nuramanina Bt Hamdan and Muhd Rosydi Muhammad.....147

17. Malaysia Petrol Subsidize Authorization Card System

Abdul Rahman Ahmad Dahlan, Norsuzliza Md. Shafie, Nurul Hasanah Pohan, Marina Muhammad Shariff, Kamaliah Amira Kari, Siti Aisyah Mohd. Zolkefeli and Aznan Zuhid Saidin 157

18. Interactive Online Learning (IOL) Collaborative System

Abdul Rahman Ahmad Dahlan, 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..... 168

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

21. Real Time Information Sharing and Remote Sensing for Disaster Management and Prevention

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 (SPANES)

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 Applicatio of Birth and Death Certificate

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

26. Super Authentication Security System (SASS) to Malaysia Community for Safety Management

Abdul Rahman Ahmad Dahlan, Zuneka bt Masnor, Shamira bt Zanurin, Fatimah bt Fauzi, Nur Mahfuzah bt Mohamad Amin and Muhd Rosydi Muhammad..... 248

17. Malaysia Petrol Subsidize Authorization Card System

Abdul Rahman Ahmad Dahlan, Norsuzliza Md. Shafie, Nurul Hasanah
Pohan, Marina Muhammad Shariff, Kamaliah Amira Kari and Siti
Aisyah Mohd. Zolkefeli

ABSTRACT

Every country has their own strategies and plan in developing and managing the growth of their economy. Likewise in Malaysia, the government is providing subsidies for certain control goods. We are proposing for the development a collaborative system, called Malaysia Petrol Subsidize Authorization (MAPSA) that might help the government to manage effectively the distribution of subsidized goods including petrol. The system starts when the citizens purchased their transport. For each transport purchased, the Road Transport Department (JPJ) will provide one card for one transport containing owner and transport information. By using this card, each transport has a different petrol subsidy quota per month - depending on criteria such as income, type of business and family dependents. These criteria or data is accessible and can be transferred from other government agencies databases such as the Inland Revenue Board of Malaysia (LHDM) and National Registration Department (JPN). The adoption of Open Innovation through the Quadruple Helix Model (Government, Academia, Industry and Citizen) collaborations is deemed required. The proposed collaborative MAPSA will connect relevant government agencies including JPN, JPJ, LHDM; petrol companies and provides access to the citizens through the government cloud computing and “Software-as-a-Service” platform. When all parties work in synchronicity, the multiplier factor of innovation is in creating fair petrol subsidize ecosystem – the desired end result is a better an improved life for the Malaysian citizens.