Knowledge Management

Mohamad Fauzan Noordin



IIUM PRESS
INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA

ISSUES IN KNOWLEDGE MANAGEMENT

Editor

Mohamad Fauzan Noordin



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: 978-967-418-087-4

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 CONTENTS

| Dedication | i |
|--------------------------------------------------------------|-----|
| Preface | vii |
| Acknowledgement | ix |
| Introduction | xi |
| Hitodavion | |
| Part I: Fundamental of Knowledge Management | |
| Knowledge Capture in Islam | 1 |
| Hafizah Reh and Mohamad Fauzan Noordin | |
| Knowledge Management: Interpretation from Qur'anic Verses | 11 |
| Azizah Hassan and Mohamad Fauzan Noordin | |
| Managing Tacit Knowledge Among Knowledgeable Workers | 33 |
| Mohamad Fauzan Noordin and Noor Azura Zakaria | |
| Part II: Knowledge Sharing | |
| Beyond Knowledge Sharing: Software Piracy from Islamic | 41 |
| Perspective | |
| Azizah Hassan and Mohamad Fauzan Noordin | |
| Knowledge Management and Knowledge Sharing: A Literature | 53 |
| Study | |
| Hindh Ali, Hussain Waheed and Mohamad Fauzan Noordin | |
| Knowledge Management Strategies to Encourage Knowledge | 61 |
| Sharing in Maldives | |
| Hindh Ali, Hussain Waheed and Mohamad Fauzan Noordin | |
| A Case Study on Strategies to Encourage Knowledge Sharing in | 75 |
| Maldives | |
| Hindh Ali, Hussain Waheed and Mohamad Fauzan Noordin | |

| Knowledge Sharing: State of the Art Noor Azura Zakaria, Bibi Saidah Pathan, Fateema Lambensa, Zubaidah Muataz and Mohamad Fauzan Noordin | 85 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| Research Methodology for Knowledge Sharing Behaviour in Organization Noor Azura Zakaria, Bibi Saidah Pathan, Fateema Lambensa, Zubaidah Muataz and Mohamad Fauzan Noordin | 93 |
| Knowledge Management from Islamic Perspective: A Focus on Knowledge Acquisition, Sharing and Application Rohaimi Abdullah and Mohamad Fauzan Noordin | 101 |
| Knowledge Sharing Using Semantic Web Hafizah Reh and Mohamad Fauzan Noordin | 115 |
| Part III: Knowledge Management in Organization and Nations Roles of Knowledge Management in Ensuring the Quality of Higher Education Aziz Ahmed Almaadeni, Muhammad Aydin and Mohamad Fauzan Noordin | 127 |
| Knowledge Management Software in Organization Kairo Abdulroseh and Mohamad Fauzan Noordin | 135 |
| Non Government Organizations and Knowledge Management: State of the Art Nuha Abdullah Hassan and Mohamad Fauzan Noordin | 145 |
| Background of Knowledge Management in Non Government Organizations Rifhan Abdul Ghafir and Mohamad Fauzan Noordin | 151 |
| Implementation of Knowledge Management System for the Support of Non Government Organizations: Research Model and Framework Salihatun Nisa' Abd Kareem and Mohamad Fauzan Noordin | 157 |
| Knowledge Management System for Disaster Case Nuha Abdullah Hassan and Mohamad Fauzan Noordin | 165 |

| Research Model and Framework for the Support of Humanitarian Assistance/ Disaster Relief in Malaysia Salihatun Nisa' Abd Kareem and Mohamad Fauzan Noordin | 173 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| The Key Elements of Knowledge Management System in NGOs Salihatun Nisa' Abd Kareem and Mohamad Fauzan Noordin | 179 |
| Proposed Solution and Discussion for Implementing Knowledge Management System in NGOs Rifhan Abdul Ghafir and Mohamad Fauzan Noordin | 185 |
| Information Technology Approaches to Knowledge Management in Various Organizations Fajri Achmad Maulana and Mohamad Fauzan Noordin | 195 |
| Information Technology with Knowledge Management: The Challenges and the Benefits Fajri Achmad Maulana and Mohamad Fauzan Noordin | 211 |
| The Implementation of Knowledge Management Process in A Shared Service Centre Company Sahidan Abdulmana, Fauzan Alfariti and Mohamad Fauzan Noordin | 225 |
| Cross Organizational Knowledge Repository Framework for Management Consulting Firms Md Nessar Udin, Azizah Hassan and Mohamad Fauzan Noordin | 235 |
| Knowledge Management System as the Combating Tool of Cybercrime on Organizations Burhan Saleh and Mohamad Fauzan Noordin | 257 |
| Implication of Knowledge Management in Disaster Recovery: In Malaysian Context Md Nessar Udin and Mohamad Fauzan Noordin | 271 |
| Integration of Knowledge Management in Human Resources Management Activities Rohaimi Abdullah and Mohamad Fauzan Noordin | 283 |

Part IV: Knowledge Management in Web 2.0

| Islam and Knowledge Management in Enterprise Based on Social Network Sahidan Abdulmana and Mohamad Fauzan Noordin | 305 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| Social Media as a Knowledge Management Tool: The Use, Potential and Challenges Ahmed Abdul-Aziz Abbas and Mohamad Fauzan Noordin | 317 |
| Kids Website Suitability Assessment: Knowledge Discovery to Investigate the Appropriate Features Muna A. Ali, Rasheed Nassr and Mohamad Fauzan Noordin | 331 |
| The Role of Data Mining and Knowledge Management in Classification the Content of Kids Website Muna A. Ali, Rasheed Nassr and Mohamad Fauzan Noordin | 339 |
| Kids Website Suitability: Proposing Knowledge Management Assessment Methodology Muna A. Ali, Rasheed Nassr and Mohamad Fauzan Noordin | 347 |
| The Application of Knowledge Management for E-Learning to Distribute Islamic Knowledge and Fatwa Fauzan Alfariti and and Mohamad Fauzan Noordin | 355 |
| IT to Support Muslim's Small and Medium Enterprises: Toward Knowledge Based Economy in Saudi Ahmed Abdul-Aziz Abbas and Mohamad Fauzan Noordin | 365 |
| An Overview of Semantic Web Technologies Hafizah Reh and Mohamad Fauzan Noordin | 375 |
| Part V: Knowledge Society | |
| Overview of Knowledge Society in Malaysia Salihatun Nisa' Abd Kareem and Mohamad Fauzan Noordin | 383 |
| Towards Knowledge Society in Malaysia: Characteristics, Trends and Challenges Azizah Hassan, Md Nessar Udin and Mohamad Fauzan Noordin | 389 |

CROSS ORGANIZATIONAL KNOWLEDGE REPOSITORY FRAMEWORK FOR MANAGEMENT CONSULTING FIRMS

Md Nesar Uddin, Azizah Hassan and Mohamad Fauzan Noordin

Abstract

As part of its functions in knowledge-based society, the management consultant firms uses ICT as an enabler to create knowledge sharing platform among communities and stake holders to move towards higher maturity level of knowledge management. Previously IT has been viewed as a tool that enabled organizations to store massive information, execute complex equation and data processing; functioning as a sophisticated computing system with large memory. However, in recent years IT has become an irreplaceable part of the organizations; it is not just a tool anymore but as key enabler. With the help of knowledge repository (a computerized system) people can manage organizational knowledge. This paper attempts to describe knowledge repository framework and a guideline to build a cross organizational knowledge repository based on functional and non-functional requirements of a management consultant firm as a case study.

24.1 Introduction

Knowledge Repository is a computer program for knowledge management, the process of collection, organizing, distributing and reserving knowledge. Knowledge repository provides an organization with tools and interfaces to manage knowledge; usually it has a