

Editors

Roslina Othman Mohamad Fauzan Noordin Noor Azura Zakaria



IIUM Press
INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA

CASES IN KNOWLEDGE MANAGEMENT & INFORMATION RETRIEVAL

Editors

Roslina Othman Mohamad Fauzan Noordin Noor Azura Zakaria



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: 978-967-418-050-8

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

Printed by:

HUM 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 Preface Acknowledgement Introduction	i v vii ix
Part I: Cases in Knowledge Management	
Case 1: Knowledge Management Best Practices Noor Azura Zakaria, Rohaimi Abdullah and Mohamad Fauzan Noordin	1
Case 2: Organizational Learning Noor Azura Zakaria and Mohamad Fauzan Noordin	7
Case 3: Knowledge Portal Noor Azura Zakaria, Mohamad Fauzan Noordin and Roslina Othman	13
Case 4: Culture in Community of Practices (CoPs) Noor Azura Zakaria, Mohamad Fauzan Noordin and Rohaimi Abdullah	19
Case 5: Knowledge Management Strategic Plan Noor Azura Zakaria, Mohamad Fauzan Noordin and Roslina Othman	25
Case 6: Critical Knowledge Sharing Noor Azura Zakaria, Hafizah Reh and Mohamad Fauzan Noordin	31
Case 7: Knowledgeable Employees Noor Azura Zakaria, Mohamad Fauzan Noordin and Lambensa Fateema	37
Case 8: Lesson Learned Noor Azura Zakaria, Roslina Othman and Mohamad Fauzan Noordin	43
Case 9: Extrinsic and Intrinsic Motivations Noor Azura Zakaria and Mohamad Fauzan Noordin	49

Case 10: Storytelling Noor Azura Zakaria, Roslina Othman and Mohamad Fauzan Noordin	55
Part II: Cases in Information Retrieval	
Case 11: Social Network Roslina Othman	61
Case 12: Micro Blogs Roslina Othman and Noor Azura Zakaria	67
Case 13: Content Communities Roslina Othman	73
Case 14: Digital Library Roslina Othman and Nur Leyni Nılam Putri Junurham	79
Case 15: Search Engine Roslina Othman and Mohamad Fauzan Noordin	85
Case 16: Search Engine Optimization Roslina Othman	91
Case 17: Patent Search Roslina Othman and Noorfatin Muhamad Sharhabil	97
Case 18: Visual Search Roslina Othman and Mohd Khairul Nizam Abdul Latif	103
Case 19: Quranic Search Roslina Othman and Mohamad Fauzan Noordin	109
Case 20: Wisdom-based Search System	115

CASE 5: KNOWLEDGE MANAGEMENT STRATEGIC PLAN

Noor Azura Zakaria, Mohamad Fauzan Noordin and Roslina Othman

Abstract

Prior to knowledge management implementation, a comprehensive study and strategic plan must be conducted by the organization to ensure the smoothness and success of the implementation. Comprehensive and thorough study of the organization's process and operations must be done before stepping into the next stage of planning. There are two cases provided in this chapter that discusses on the failure of knowledge implementation. Without proper plan of knowledge management implementation, many entities will be affected and tarnished. How to avoid such problems and failure is discussed in this chapter. Firstly, the key component in the knowledge management is discussed. Additionally, strategic plan approach is given to increase the understanding prior to knowledge management plan development.

5.1 Case of Pharmaceutical Company

An American-owned global pharmaceutical company which specialised in high margin "lifestyle" drugs aimed to accelerate its internal drug development processes through overt knowledge management initiatives. The management committed a substantial amount of political and financial resources to implement three forms of KM projects, namely, "lessons learned", "warehouse" and "electronic cafe".

"Lessons" was a highly structured debriefing exercise conducted by each workgroup at the end of a major drug development process. It was intended as a method to archive corporate lessons and to prevent the loss of operational knowledge in the drug development process. "Warehouse" was