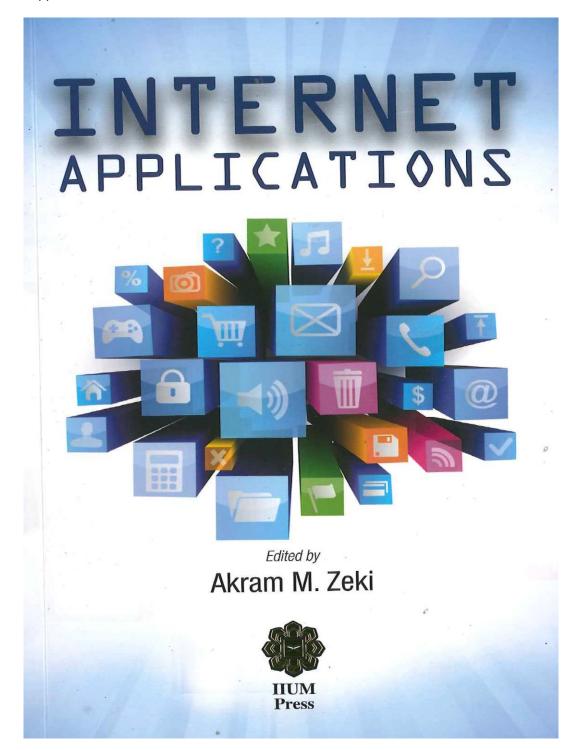
Internet application.



INTERNET

Edited by

Akram M. Zeki



First Edition, 2015 ©IIUM Press, IIUM

IIUM Press is a member of the Majlis Penerbitan Ilmiah Malaysia – MAPIM (Malaysian Scholarly Publishing Council)

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

Akram M. Zeki

Internet Applications / Edited by Akram M. Zeki Includes index ISBN 978-967-418-313-4 1. Internet. 2. World Wide Web. I. Title. 004.678

Published by
IIUM Press
International Islamic University Malaysia
P.O. Box 10, 50728 Kuala Lumpur, Malaysia

Printed in Malaysia by
NAGA Global Print (M) Sdn. Bhd.
No. 1, Jalan Industri Batu Caves 1/3
Taman Perindustrian Batu Caves
68100 Batu Caves
Selangor Darul Ehsan
Tel: 03-61881542

Contents

	Preface	xi
	Acknowledgement	xiii
	Introduction	xv
Chapter 1	Fundamentals of Computer Networks:	1
	Wired/Wireless	
	Adamu A. Ibrahim	
	Akram M. Zeki	
Chapter 2	Basics of the Internet and World Wide	16
	Web	
	Haruna Chiroma	
	Usman Ali Abdullahi	
Chapter 3	Enhancing Email Transfer through Simple	25
	Mail Transfer Protocol (SMTP) Extension:	
	A New Messaging Protocol (NMP)	
	Mansur Aliyu	
	Reef Huns	
Chapter 4	Using Multimedia in Developing Islamic	40
	Website	
	Akram M. Zeki	
	Maimona J. Badi	
Chapter 5	Multimedia Security and the Internet	48
	Akram M. Zeki	
	Adamu A. Ibrahim	
Chapter 6	Application of User Friendly E-lecture	63
	Notes	
	Akram M. Zeki	9
	Iffah Nadhirah Rosdi	
	Azliza Aszenan	

Contents

U.

Chapter 7	Application of Multimedia in E-Books System Akram M. Zeki	70
	Hazeeha Ibrahim Shayma Senan	
Chapter 8	Islam on the Internet Mansur Aliyu	78
	Murni Mahmud	94
Chapter 9	Responsive Web Design Noor A. Awwad Ahmed M. Zeki	24
Chapter 10	Web-based Conference Management System for Higher Learning Institutions Kamsiah Ahmad Aimi Amirah Abdullah Akram M. Zeki	106
	Index	119

Chapter 4

Using Multimedia in Developing Islamic Website

Akram M. Zeki Maimona J. Badi International Islamic University Malaysia

Introduction

The adoption of multimedia by online communication outlets has increased enormously. The most documented or common multimedia elements are photos, music, audio, and videos. Effective management of these multimedia elements is necessary for both private and public institutions along with individuals (Bainbrideg & Browne, 2005; Deborah & Charles, 2012). The faster connection and powerful processing capability has improved the content delivery and what is left now is a different interface design which must consider the interactivity and high impact of multimedia content. Moreover, these changes have caused the need to re-examine multimedia elements.

The availability for users to interact with the contents they browse and the importance of motivational factors in the design of interactive multimedia has been recognized for some time. Currently, for any software to be effective it must be appealing to users (Lee, 1999; Jesses, Changsheng & Min, 2012). The term 'multimedia' used to have a specialist connotation for the audio-visual industry. The uses of multiple or mixed media in such analogue systems as slide shows or overhead projectors were also referred as multimedia. However, the specialist use of this name was superseded by the arrival of digital technology. As integrated digital media was termed interactive multimedia and usually