Table of Contents

Foreword ........................................................................................................................................... xvi

Preface .............................................................................................................................................. xviii

Section I
Design Web Strategy

Chapter I
Using Patterns for Engineering High-Quality E-Commerce Applications ........................................... 1
   Pankaj Kamthan, Concordia University, Canada
   Hsueh-Ieng Pai, Concordia University, Canada

Chapter II
Informing Industry via Academic Research in ICT Skill and Capability Development ..................... 26
   Krassie Petrova, Auckland University of Technology, New Zealand
   Dawn Medlin, Appalachian State University, USA

Chapter III
The Impact of New Trends in the Delivery and Utilization of Enterprise ICT on Supplier
   and User Organizations .................................................................................................................. 46
   Jiri Vorisek, University of Economics Prague, Czech Republic
   George Feuerlicht, University of Economics Prague, Czech Republic

Chapter IV
Enterprise 2.0: Collaboration and Knowledge Emergence as a Business Web Strategy Enabler .......... 61
   Javier Soriano, Universidad Politécnica de Madrid, Spain
   David Lizcano, Universidad Politécnica de Madrid, Spain
   Marcos Reyes, Teléfonica I+D, Spain
   Fernando Alonso, Universidad Politécnica de Madrid, Spain
   Genoveva López, Universidad Politécnica de Madrid, Spain
Chapter V
Customer Relationship Management (CRM): An In-Depth Analysis .................................................. 94
   Mahesh Raisinghani, TWU School of Management, USA
   Abdu Albur, Ministry of Education in the Kingdom of Saudi Arabia, Dhahran, Eastern Province
   Sue Leferink, Montana Department of Commerce, USA
   Thomas Lyle, PNC, USA
   Stephen Proctor, CSC, USA

Chapter VI
Different Web Strategies for Different E-Marketplaces ................................................................. 118
   L. Geppert, Catholic University of Milan, Italy

Section II
Aligning Web Strategy to Corporate Strategy

Chapter VII
Trends of Web Services Adoption: A Synthesis................................................................................. 134
   Vincent C. Yen, Wright State University, USA

Chapter VIII
   Massimo Memmola, Catholic University, Italy
   Giovanna Palumbo, Ospedale Valduce, Italy
   Mauro Rossini, Ospedale Valduce, Italy

Chapter IX
The Web Strategy Development in the Automotive Sector ............................................................. 170
   Massimo Memmola, Catholic University, Italy
   Alessandra Tzannis, Catholic University, Italy

Chapter X
Adaptive Mobile Web Browsing Using Web Mining Technologies ................................................. 198
   Wen-Chen Hu, University of North Dakota, USA
   Yanjun Zuo, University of North Dakota, USA
   Lei Chen, Sam Houston State University, USA
   Chyuan-Huei Thomas Yang, Hsuan Chuang University, Taiwan

Chapter XI
Integration of Public University Web Sites and Learning Management Systems ........................ 208
   Bernard Ostheimer, University of Giessen, Germany
   Axel C. Schwickert, University of Giessen, Germany
Chapter XII
Innovating through the Web: The Banking Industry Case ................................................................. 219
  Chiara Frigerio, Universitá Cattolica del Sacro Cuore, Italy

Section III
Applications of Web Strategy

Chapter XIII
An Action Research Case Study of the Facilitators and Inhibitors of E-Commerce Adoption .......... 236
  Orla Kirwan, National University of Ireland, Ireland
  Kieran Conboy, National University of Ireland, Ireland

Chapter XIV
Acceptance of the Mobile Internet as a Distribution Channel for Paid Content in Germany .......... 248
  Svenja Hagenhoff, University of Goettingen, Germany
  Christian Kaspar, University of Goettingen, Germany
  Lutz Seidenfaden, University of Goettingen, Germany
  Björn Ortelbach, University of Goettingen, Germany

Chapter XV
Information Quality Satisfaction of Communication Portals: A Study of Central Cyber
  Government Office (CCGO) of the Hong Kong Government ........................................................ 264
  Kevin K.W. Ho, The Hong Kong University of Science and Technology, Hong Kong

Chapter XVI
The Evaluation of IT Investments through Real Options ................................................................. 277
  Maria Alice Frontini, University of São Paulo, Brazil
  Fernando José Barbin Laurindo, University of São Paulo, Brazil

Chapter XVII
Strategic Use of the Internet and Organizational Structure for E-Business:
  “Celta” Case at GM Brazil .................................................................................................................. 298
  Silvia Novaes Zilber, UNINOVE, Brazil

Chapter XVIII
On the Use of Soft Computing Techniques for Web Personalization ........................................... 318
  G. Castellano, University of Bari, Italy
  A. M. Fanelli, University of Bari, Italy
  M. A. Torsello, University of Bari, Italy

Compilation of References .............................................................................................................. 340

About the Contributors .................................................................................................................. 371

Index ................................................................................................................................................ 380