Issues of Human Computer Interaction

Table of Contents

Preface ....................................................................................................... vii
   Anabela Sarmento, Instituto Superior de Contabilidade e Administração do Porto, Portugal

Section I: Tools to Improve Usability and Web Design

Chapter I
Service-Oriented Human Computer Interaction and Scripting ....... 1
   Neil McBride, De Montfort University, UK
   Ibrahim Elbeltagi, De Montfort University, UK

Chapter II
User Acceptance of Online Computer Games: Comparing Two Models in a Field Study ......................................................... 21
   Yuan Gao, Ramapo College of New Jersey, USA

Chapter III
Web-STAR: Development of Survey Tools for Use with Requirements Gathering in Web Site Development ......................... 37
   Jonathan Lazar, Towson University, USA
   Adam Jones, Towson University, USA
   Kisha-Dawn Greenidge, Towson University, USA

Section II: Internet and End Users’ Concerns

Chapter IV
The Use of Query Operators and Their Effect on the Results from Web Search Engines ............................................................. 50
   Bernard J. Jansen, The Pennsylvania State University, USA
Chapter V
Interactive Proxy for URL Correction ................................................. 72
   Kai-Hsiang Yang, National Taiwan University, R.O.C.

Chapter VI
Emerging Practices and Standards for Designing Business Web Sites: Recommendations for Developers ......................... 85
   Carmine Sellitto, Victoria University, Australia
   Andrew Wenn, Victoria University, Australia

Section III: IT and Issues Regarding Human Resources Management

Chapter VII
A Framework for Defining E-Business IT Skills Portfolio .......... 111
   Susy Chan, DePaul University, USA
   Abdulrahman A. Mirza, King Saud University, Saudi Arabia

Chapter VIII
Issues in End-User Behavior .............................................................. 136
   Murray E. Jennex, San Diego State University, USA

Chapter IX
Employee Perceptions of Outsourcing of Information Technology Operations: An Empirical Investigation ......................... 152
   Lynda Roberson Louis, Xavier University of Louisiana, USA

Section IV: Human and Organizational Issues Regarding IT Adoption and Use

Chapter X
Surfacing Occupational Threats to IT-Enabled Change: A Neglected Role for Organization Development? ....................... 179
   Joe McDonagh, University of Dublin, Ireland

Chapter XI
Human Factors in the “System Selection” Stage of Library Automation ................................................................. 192
   Nasrine Olson, University College of Borås/University of Gothenburg, Sweden
Chapter XII
Stressing Office Technology's Non-Technical Side: Applying Concepts from Adaptive Structuration Theory ........................................ 225
Huub J. M. Ruël, Utrecht University, The Netherlands

Chapter XIII
Expanding the Information Carrying Capacity of the New Media in the Context of Virtual Teams ......................................................... 263
John D’Ambra, The University of New South Wales, Australia
Zixiu Guo, The University of New South Wales, Australia

Chapter XIV
Change and Challenge: Managing the E-Business Organization .... 277
John Mendonca, Purdue University, USA

Section V: Case Studies of Human and Organizational Issues Regarding IT Adoption and Use

Chapter XV
Data Quality and Work Alignment: Do IT Professionals Think Differently? ............................................................................... 291
Latif Al-Hakim, University of Southern Queensland, Australia
Hongjiang Xu, Central Michigan University, USA

Chapter XVI
Human Issues and Computer Interaction: A Study of a U.K. Police Call Centre ............................................................... 321
Steve Clarke, The University of Hull, UK
Brian Lehaney, University of Coventry, UK
Huw Evans, University of Luton Business School, UK

Chapter XVII
The Role of Group Learning in Implementation of a Personnel Management System in a Hospital ................................................... 335
Tatyana Bondarouk, University of Twente, The Netherlands
Klaas Sikkel, University of Twente, The Netherlands

About the Editor .................................................................................. 363
About the Authors ................................................................................ 364
Index ........................................................................................................ 373