

Contents – Part II

Social Media for Communication, Learning and Aging

Strategies for Communicating Reputation Mechanisms in Crowdsourcing-Based Applications	3
<i>Orlando Afonso, Luciana Salgado, and José Viterbo</i>	
Collaboration Increase Through Monitoring and Evaluation Mechanisms of the Collaborative Learning Process	20
<i>Vanessa Agredo Delgado, Cesar A. Collazos, Habib M. Fardoun, and Nehme Safa</i>	
ADMemento: A Prototype of Activity Reminder and Assessment Tools for Patients with Alzheimer’s Disease	32
<i>Sarah Alhassan, Wafa Alrajhi, Amal Alhassan, and Alreem Almuhrif</i>	
From GreedEx to GreedEx Tab v2.0: Tool for Learning Greedy Algorithms on iPad Following CIAM Mobile Methodology	44
<i>Yoel Arroyo, Manuel Ortega Cordovilla, Miguel A. Redondo, Ana I. Molina, María del Carmen Lacave, and Manuel Ortega Cantero</i>	
Memorializing the Deceased Using Virtual Worlds: A Preliminary Study. . . .	55
<i>James Braman, Alfreda Dudley, and Giovanni Vincenti</i>	
Social Media and Elderly People: Research Trends	65
<i>Mayela Coto, Fulvio Lizano, Sonia Mora, and Jennifer Fuentes</i>	
WhatsApp	82
<i>Cristóbal Fernández Robin, Scott McCoy, and Diego Yáñez</i>	
An Analysis of Online Discussion Platforms for Academic Deliberation Support	91
<i>Fabício Matheus Gonçalves, Emanuel Felipe Duarte, Julio Cesar dos Reis, and M. Cecília C. Baranauskas</i>	
Design of Digital Literacy Environments Based-On Interactive Learning Services	110
<i>Jaime Muñoz Arteaga, José Eder Guzmán Mendoza, Fco. Javier Álvarez Rodríguez, and René Santaolaya Salgado</i>	
Building up a Verified Page on Facebook Using Information Transparency Guidelines	125
<i>Alexandre Pinheiro, Claudia Cappelli, and Cristiano Maciel</i>	

An MDA Approach to Develop Language-Learning Activities	138
<i>Gabriel Sebastián, Ricardo Tesoriero, Jose A. Gallud, and Habib M. Fardoun</i>	
Designing an Electronic Hand Glove for Teaching Vowels to Deaf Children	148
<i>Julián Sotelo, Jaime Duque, Andrés Solano, and Sandra Cano</i>	
Chat-Based Application to Support CSCL Activities	161
<i>Ricardo Tesoriero, Habib M. Fardoun, and Hachem Awada</i>	
Toward a Supporting System of Communication Skill: The Influence of Functional Roles of Participants in Group Discussion	178
<i>Qi Zhang, Hung-Hsuan Huang, Seiya Kimura, Shogo Okada, Yuki Hayashi, Yutaka Takase, Yukiko Nakano, Naoki Ohta, and Kazuhiro Kuwabara</i>	
Opinion Mining and Sentiment Analysis	
Sentiment Analysis on Arabic Tweets: Challenges to Dissecting the Language	191
<i>Malak Abdullah and Mirsad Hadzikadic</i>	
Analyzing User Experience Through Web Opinion Mining	203
<i>Silvana Aciar and Gabriela Aciar</i>	
A Review on Corpus Annotation for Arabic Sentiment Analysis	215
<i>Latifah Almuqren, Arwa Alzammam, Shahad Alotaibi, Alexandra Cristea, and Sarah Alhumoud</i>	
AraSenTi-Lexicon: A Different Approach	226
<i>Hadeel AlNegheimish, Jowharah Alshobaili, Nora AlMansour, Rawan Bin Shiha, Nora AlTwairesh, and Sarah Alhumoud</i>	
Investigating the Relationship Between Trust and Sentiment Agreement in Arab Twitter Users	236
<i>Areeb Alowisheq, Nora Alrajebah, Asma Alrumikhani, Ghadeer Al-Shamrani, Maha Shaabi, Muneera Al-Nufaisi, Ahad Alnasser, and Sarah Alhumoud</i>	
Investigating the Polarity of User Postings in a Social System	246
<i>Afonso M.S. Lima, Paloma B.S. Silva, Livia A. Cruz, and Marilia S. Mendes</i>	
Intent Classification of Social Media Texts with Machine Learning for Customer Service Improvement	258
<i>Sebastián Pérez-Vera, Rodrigo Alfaro, and Héctor Allende-Cid</i>	

Sentiment Analysis for Micro-blogging Platforms in Arabic	275
<i>Eshrag Refaee</i>	
Automatic Tweets Classification Under an Intelligent Agents Framework. . . .	295
<i>Sebastián Rodríguez, Rodrigo Alfaro, Héctor Allende-Cid, and Claudio Cubillos</i>	
User Experiences Around Sentiment Analyses, Facilitating Workplace Learning	312
<i>Christian Voigt, Barbara Kieslinger, and Teresa Schäfer</i>	
Social Data and Analytics	
Visual Exploration of Urban Data: A Study of Riyadh Taxi Data	327
<i>Aljoharah Alfayez and Salma Aldawood</i>	
Understanding Gendered Spaces Using Social Media Data	338
<i>Aljoharah Alfayez, Zeyad Awwad, Cortni Kerr, Najat Alrashed, Sarah Williams, and Areej Al-Wabil</i>	
Visual Exploration Patterns in Information Visualizations: Insights from Eye Tracking	357
<i>Jumana Almahmoud, Saleh Albeaik, Tarfah Alrashed, and Almaha Almalki</i>	
The Rise of Hackathon-Led Innovation in the MENA Region: Visualizing Spatial and Temporal Dynamics of Time-Bounded Events	367
<i>Sitah Almishari, Nora Salamah, Maram Alwan, Nada Alkhalifa, and Areej Al-Wabil</i>	
How Visual Analytics Unlock Insights into Traffic Incidents in Urban Areas	378
<i>Abdullah Alomar, Najat Alrashed, Isra Alturaiki, and Hotham Altwaijry</i>	
SparQs: Visual Analytics for Sparking Creativity in Social Media Exploration.	394
<i>Nan-Chen Chen, Michael Brooks, Rafal Kocielnik, Sungsoo (Ray) Hong, Jeff Smith, Sanny Lin, Zening Qu, and Cecilia Aragon</i>	
Social Networks Serendipity for Educational Learning by Surprise from Big and Small Data Analysis	406
<i>Niki Lambropoulos, Habib M. Fardoun, and Daniyal M. Alghazzawi</i>	
What People Do on Yik Yak: Analyzing Anonymous Microblogging User Behaviors	416
<i>Joon-Suk Lee, Seungwon Yang, Amanda L. Munson, and Lusene Donzo</i>	

BLE-Based Children’s Social Behavior Analysis System for Crime Prevention	429
<i>Shuta Nakamae, Shumpei Kataoka, Can Tang, Yue Pu, Simona Vasilache, Satoshi Saga, Buntarou Shizuki, and Shin Takahashi</i>	
Unified Structured Framework for mHealth Analytics: Building an Open and Collaborative Community.	440
<i>Hoang D. Nguyen and Danny Chiang Choon Poo</i>	
Discovering Subway Design Opportunities Using Social Network Data: The Image-Need-Design Opportunity Model.	451
<i>Tianjiao Zhao, Kin Wai Michael Siu, and Han Sun</i>	
Author Index	467

Contents – Part I

User Experience and Behavior in Social Media

Investigating Arab DHH Usage of YouTube Videos Using Latent Variables in an Acceptance Technology Model.	3
<i>Lamia Abdul Aziz Bin Husainan, Hanan Ali AL-Shehri, and Muna Al-Razgan</i>	
Can the Success of Mobile Games Be Attributed to Following Mobile Game Heuristics?	13
<i>Reham Alhaidary and Shatha Altammami</i>	
The Collective Impression of Saudis' Perceptions of Entertainment	22
<i>Noura Alomar and Alaa Alhumaisan</i>	
Getting Interrupted? Design Support Strategies for Learning Success in M-Learning Applications	32
<i>Upasna Bhandari and Klarissa Chang</i>	
World of Streaming. Motivation and Gratification on Twitch	44
<i>Daniel Gros, Brigitta Wanner, Anna Hackenholt, Piotr Zawadzki, and Kathrin Knautz</i>	
Do Members Share Knowledge in Facebook Knowledge Groups?	58
<i>Li-Ting Huang and Ming-Yang Lu</i>	
Assessing Symptoms of Excessive SNS Usage Based on User Behavior and Emotion: Analysis of Data Obtained by SNS APIs	71
<i>Ploypailin Intapong, Saromporn Charoenpit, Tiranee Achalakul, and Michiko Ohkura</i>	
Research on the Social Experience of Mobile Internet Products.	84
<i>Tian Lei and Sijia Zhang</i>	
The Impact of Texting Interruptions on Task Performance	94
<i>Scott McCoy, Eleanor Loiacono, and Shiya Cao</i>	
Improving Engagement Metrics in an Open Collaboration Community Through Notification: An Online Field Experiment	103
<i>Ana Paula O. Bertholdo, Claudia de O. Melo, and Artur S. Rozestraten</i>	
What Happens When Evaluating Social Media's Usability?	117
<i>Virginica Rusu, Cristian Rusu, Daniela Quiñones, Silvana Roncagliolo, and César A. Collazos</i>	

On User eXperience in Virtual Museums	127
<i>Cristian Rusu, Virginia Zaraza Rusu, Patricia Muñoz, Virginica Rusu, Silvana Roncagliolo, and Daniela Quiñones</i>	

Customer Behavior and Social Media

Why Social Media Is an Achilles Heel? A Multi-dimensional Perspective on Engaged Consumers and Entrepreneurs	139
<i>Adela Coman, Ana-Maria Grigore, and Oana Simona Caraman Hudea</i>	

The Influence of Privacy, Trust, and National Culture on Internet Transactions.	159
<i>Jon Heales, Sophie Cockcroft, and Van-Hau Trieu</i>	

Analysis of Trade Area for Retail Industry Store Using Consumer Purchase Record	177
<i>Sachiko Iwasaki, Ko Hashimoto, Kohei Otake, and Takashi Namatame</i>	

From Bowling to Pinball: Understanding How Social Media Changes the Generation of Value for Consumers and Companies.	190
<i>Marc Oliver Opresnik</i>	

Online Travel Agencies as Social Media: Analyzing Customers' Opinions . . .	200
<i>Virginica Rusu, Cristian Rusu, Daniel Guzmán, Silvana Roncagliolo, and Daniela Quiñones</i>	

Analysis of Cancellation Factors Based on the Characteristics of Golf Courses in Reservation Sites	210
<i>Naoya Saijo, Kohei Otake, and Takashi Namatame</i>	

Analysis of the Characteristics of Repeat Customer in a Golf EC Site	223
<i>Yusuke Sato, Kohei Otake, and Takashi Namatame</i>	

Video Blogs: A Qualitative and Quantitative Inquiry of Recall and Willingness to Share	234
<i>Purvi Shah, Eleanor T. Loiacono, and Huimin Ren</i>	

Valuation of Customer and Purchase Behavior of a Supermarket Chain Using ID-POS and Store Causal Data	244
<i>Syun Usami, Kohei Otake, and Takashi Namatame</i>	

Promoting Technological Innovations: Towards an Integration of Traditional and Social Media Communication Channels.	256
<i>Timm F. Wagner</i>	

Understanding the Gift-Sending Interaction on Live-Streaming Video Websites.	274
<i>Zhenhui Zhu, Zhi Yang, and Yafei Dai</i>	

Social Issues in Social Media

Creating and Supporting Virtual Communities: A City that Happens on a Facebook Group	289
<i>Andre O. Bueno and Junia C. Anacleto</i>	
Examining the Legal Consequences of Improper Use of Social Media Sites in the Workplace.	307
<i>Alfreda Dudley and Davian Johnson</i>	
Inter-country Differences in Breaking News Coverage via Microblogging: Reporting on Terrorist Attacks in Europe from the USA, Germany and UK	317
<i>Kaja J. Fietkiewicz and Aylin Ilhan</i>	
e-Voting in America: Current Realities and Future Directions	337
<i>Nathan Johnson, Brian M. Jones, and Kyle Clendenon</i>	
Entrepreneurial Orientation and Open Innovation: Social Media as a Tool . . .	350
<i>Claudia Linde</i>	
For Those About to Rock – Social Media Best Practices from Wacken Open Air	362
<i>Christian W. Scheiner and Nick Hüper</i>	
Do Social Bots (Still) Act Different to Humans? – Comparing Metrics of Social Bots with Those of Humans	379
<i>Stefan Stieglitz, Florian Brachten, Davina Berthel�, Mira Schlaus, Chrissoula Venetopoulou, and Daniel Veutgen</i>	
A Twitter Analysis of an Integrated E-Activism Campaign: #FeesMustFall - A South African Case Study	396
<i>Abraham G. van der Vyver</i>	
Author Index	411

Social Computing and Social Media. Applications and Analytics

9th International Conference, SCSM 2017, Held as Part of HCI International 2017, Vancouver, BC, Canada, July 9-14, 2017, Proceedings, Part II

Meiselwitz, G. (Ed.)

2017, XXI, 469 p. 163 illus., Softcover

ISBN: 978-3-319-58561-1