

Table of Contents

| | |
|---|-----|
| A Process-Oriented Conceptual Framework on Non-Functional Requirements | 1 |
| <i>Lianshan Sun and Jiahong Park</i> | |
| Capturing Security Requirements Using Essential Use Cases (EUCs) ... | 16 |
| <i>Syazwani Yahya, Massila Kamalrudin, Safiah Sidek, and John Grundy</i> | |
| Utilizing TOPSIS: A Multi Criteria Decision Analysis Technique for Non-Functional Requirements Conflicts | 31 |
| <i>Dewi Mairiza, Didar Zowghi, and Vincenzo Gervasi</i> | |
| Analysis of Economic Impact of Online Reviews: An Approach for Market-Driven Requirements Evolution | 45 |
| <i>Wei Jiang, Haibin Ruan, and Li Zhang</i> | |
| An IT-Driven Business Requirements Engineering Methodology | 60 |
| <i>Masahiro Ide, Tomoko Kishida, Mikio Aoyama, and Yasuhiro Kikushima</i> | |
| Efficient Identification of Rationales by Stakeholder Relationship Analysis to Refine and Maintain GQM+Strategies Models | 77 |
| <i>Takanobu Kobori, Hironori Washizaki, Yoshiaki Fukazawa, Daisuke Hirabayashi, Katsutoshi Shintani, Yasuko Okazaki, and Yasuhiro Kikushima</i> | |
| Addressing the Challenges of Alignment of Requirements and Services: A Vision for User-Centered Method | 83 |
| <i>Muneera Bano and Naveed Ikram</i> | |
| Evaluating the BPCRAR Method: A Collaborative Method for Business Process Oriented Requirements Acquisition and Refining | 90 |
| <i>Han Lai, Rong Peng, and Yuze Ni</i> | |
| Modeling and Specifying Parametric Adaptation Mechanism for Self-Adaptive Systems | 105 |
| <i>Zhuoqun Yang and Zhi Jin</i> | |
| Evaluating Presentation of Requirements Documents: Results of an Experiment | 120 |
| <i>Yu-Cheng Tu, Ewan Tempero, and Clark Thomborson</i> | |

| | |
|---|------------|
| Impact Analysis of Granularity Levels on Feature Location Technique | 135 |
| <i>Chakkrit Tantithamthavorn, Akinori Ihara, Hideaki Hata, and Kenichi Matsumoto</i> | |
| A Pair-Oriented Requirements Engineering Approach for Analysing Multi-lingual Requirements | 150 |
| <i>Massila Kamalrudin, Safiah Sidek, Norsaremah Salleh, John Hosking, and John Grundy</i> | |
| An Empirical Cognitive Model of the Development of Shared Understanding of Requirements | 165 |
| <i>Jim Buchan</i> | |
| Evaluating the Cognitive Effectiveness of the Visual Syntax of Feature Diagrams | 180 |
| <i>Mazin Saeed, Faisal Saleh, Sadiq Al-Insaif, and Mohamed El-Attar</i> | |
| The Role of Requirements Engineering Practices in Agile Development: An Empirical Study | 195 |
| <i>Xinyu Wang, Liping Zhao, Ye Wang, and Jie Sun</i> | |
| Support Method to Elicit Accessibility Requirements | 210 |
| <i>Junko Shirogane</i> | |
| Author Index | 225 |