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Editorial

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1 Editorial

In this issue, we publish five manuscripts. The first paper, “Integrating Wearable Devices and Recommendation System: Towards a Next Generation Healthcare Service Delivery” by Sudipendra Nath Roy, Shashi Kant Srivastava, and Raj Gururajan, proposes a framework for managing real-time health monitoring services. In this research paper, they propose five building blocks to explain the requirements for health monitoring and recommendation services. Their work has significant practical contributions in developing an integrated service delivery model for new health services.

The second paper, “Hospital-wide Process-oriented Organization of Care: The Case of Turku University Central Hospital” by Reima Suomi, Oliver Müller, and Jan vom Brocke, focuses on the issues of process-oriented organization of care in hospitals. The authors conducted an exploratory qualitative case study at a large hospital. The study’s results offer a holistic approach to understand the enablers, interventions, and barriers in implementing organization-wide process orientation in hospitals.

The third paper, “Factors that Affect the Success of Security Education, Training, and Awareness Programs: A Literature Review” by Denitsa Kirova, and Ulrike Baumöl, reports on a systematic literature review on factors related to the success of security education, training, and awareness (SETA) programs. The literature analysis shows numbers of factors influencing user behaviors, intentions, and attitudes toward security policy compliance. Based on the findings of literature review, the authors suggest knowledge creation and organization integration of SETA program as two directions for future research.

The fourth paper, “If You Build It, Will They Use It? Challenges in Adoption and Use of Patient-centered E-health” by Sukeshini Grandhi and Babjide Osatuyi, examines consumers’ perceptions of the patient-centered e-health services adoption. Their qualitative findings factors and challenges regarding the implementation and use of the e-health services provides lessons on patient-centered characteristics for e-health system design and implementation.

The fifth paper, “Selecting Communication Artifacts for Requirements Engineering” by Miloslava Plachkinova, Gregory Moody and Ken Peffers, proposes a framework on requirements engineering communication process in organizations. The authors conducted exploratory case studies and identified factors that influence organizations’ decision in selecting particular communication artifacts for requirement engineering. This research paper provides guidance to better understand user end user requirements and increase the effectiveness of requirements engineering communication.

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