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**Complexity and Flexibility in Information Systems
Design and Implementation**

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1 Editorial

In this issue, we publish two interesting research papers in the area of public-sector IS implementation and software development. The first paper, “Government IS Implementation: A Framework for Stakeholder Orientation”, presents the stakeholder perspective to unfold the dynamics among organizational stakeholder orientation in a complex IS implementation project. Through a single case-study involving a two-year public-section IS implementation project, the author used a grounded theory approach to analyze data and found four major dimensions of organizational stakeholder orientation related to IS-implementation practices: 1) responsibility, 2) paternalism, 3) neoclassical, and (4) strategic. The paper adds theoretical insights into the management of stakeholder orientation during IS implementations for achieving successful outcomes.

The second paper, “A Platform-Based Design Approach for Flexible Software Design”, proposes a flexible component design approach that can result in increasing the level of reuse among domain-specific components. While past studies have recognized the operational and strategic benefits of reusable components in software development, reuse levels remain limited in practice. To address this problem, the authors apply a design approach to propose a platform-based component design method, which they then evaluated in multiple scenarios. The paper provides a novel approach to combine generic and reusable components together with more specific plug-ins for improving software components’ reuse opportunities.



References

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- Rothenberger, M., Jain, H., & Sugumaran, V. (2017). A platform-based design approach for flexible software components. *Journal of Information Technology Theory and Application*, 18(2), 29-57.

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