

User-Centered Design Principles for Effective Information System Development

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Abstract: This study examines the integration of user-centered design principles in information system development, drawing insights from a survey of 50 participants with diverse roles. Results indicate a substantial awareness (85%) of user-centered design's importance, despite challenges in balancing preferences with constraints and acquiring comprehensive user feedback. Participants reported benefits such as enhanced usability (92%) and reduced post-implementation issues (79%). A positive correlation (88%) between user-centered design and system adoption underscores its role in user acceptance. Recommendations (76%) suggest workshops and resource allocation, emphasizing the ongoing significance of these principles in effective development practices. Overall, the study underscores the value of user-centered design principles in creating successful, user-oriented information systems.

Keywords: user-centered design, information system, development

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