Ethical and Legal Challenges in Information System Development and Implementation

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Abstract: This paper offers a comprehensive exploration of the intricate dimensions where technology, ethics, and the law converge, dissecting the inherent ethical considerations and legal intricacies. Employing a synthesis of qualitative and quantitative research methods, including literature review, qualitative interviews, case studies, surveys, and legal analysis, the study uncovers challenges encompassing data privacy, algorithmic fairness, regulatory compliance across jurisdictions, intellectual property intricacies, and the significance of user-centered ethical design. The research culminates in the formulation of a comprehensive ethical framework, serving as a pragmatic guide for stakeholders, developers, and policymakers to navigate the multifaceted ethical and legal aspects of information system development. The findings underscore the inseparable link between technological progress and ethical responsibility, advocating for adaptable legal frameworks that harmonize with the ever-evolving digital landscape. Amid the juncture of innovation and ethical accountability, the study underscores the continued need for interdisciplinary discourse, industry collaboration, and policy evolution, highlighting the imperative for responsible technological advancement that aligns with ethical principles, safeguarding individual rights, societal well-being, and foundational values.

Keywords: Ethical Challenges, Legal Challenges, Information System Implementation

REFERENCES


