

Efficiency of Tax Filing Software in Streamlining Tax Compliance

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Abstract: *The purpose of this study is to evaluate how tax filing software enhances the tax compliance process using three indicators: tax filing accuracy, user friendliness, and error frequency. There is a comprehensive qualitative and quantitative analysis of user data, from controlled experiments to longitudinal studies, in order to fill an important gap concerning the interplay of complexity in an interface and the level of users' mistakes in electronic filing systems. User satisfaction with the interface elements of a platform is claimed to have positive correlations with the retention of the platform ($\chi^2 = 22.55$, $p = 0.0318$), demonstrating a linkage between user interface design and the likelihood of adoption as well as errors. Along with easily repairable technological infrastructure, the acceptance of new software was also put in the context of the Technology Acceptance Model (TAM). This model suggests that user competence has become a variable of utmost importance. The study indicates that achieving maximum efficiency in tax filing relies on the utmost delicate balance between the level of technological sophistication and the quality of user experience design. The findings and conclusions reached in this study should assist software developers, policymakers, tax practitioners, and bring to the fore the concept of age-appropriate grouping for the improvement of tax compliance with the aid of technology.*

Keywords: tax compliance, electronic filing, user interface design, error prevention, technology acceptance, digital literacy