Streamlining Rental Property and Equipment Processes: Design and Evaluation of an SMS Notification Solution

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Abstract: *Efficiently managing rental properties and equipment is vital for property owners, tenants, and equipment renters. This paper presents the design and evaluation of an SMS notification solution that integrates with a rental management system to streamline processes. The solution combines components like rental management software, SMS notification gateway, user interfaces, and mobile devices to enhance communication and automate rental processes. Evaluation criteria include usability, effectiveness, accuracy, portability, security, and maintainability. The solution demonstrates strong performance in all areas, providing intuitive interfaces, timely notifications, accurate information, compatibility with various devices, robust security measures, and maintainability for future enhancements. Overall, this solution proves valuable in optimizing operational efficiency and enhancing user experiences in rental property and equipment management.*

Keywords: Evaluation, rental property, equipment, SMS notification, streamlining processes

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