Perceptions of Realtors on Property Information Processing: Basis for a Web-Based Real Estate Property Management System

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Abstract: *Managing real estate properties efficiently presented challenges due to the complexity of tasks involved, including tenant communication, maintenance scheduling, and financial tracking. Traditional methods often relied on manual processes, leading to inefficiencies, errors, and delays. Motivated by the need for a streamlined solution, this paper introduced a web-based real estate property management system designed to address these challenges. By employing a descriptive research design and utilizing the mixed methodology approach, the study investigates the challenges faced by realtors in managing property information. It also evaluated the current information management systems of each realtor in handling property listing, sales, leases, and rentals. The research findings revealed that 45% of respondents encounter challenges in property information management, primarily related to inefficient handling of sales information and lease agreements. While 72.7% of respondents use real estate software, shortcomings such as a lack of detailed property information and communication issues underline the need for a comprehensive web-based management system meeting various real estate management needs, as preferred by 90.9% of respondents. The results of the study will be used to propose a web-based real estate property management system for the overall efficiency of real estate operations and revolutionize how real estate assets were managed and optimized in digital age.*

Keywords: Property Listing, Dashboard, Tenant Management, Lease Management, Maintenance Tracking, Financial Management, Document Management, Reporting & Analytics

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