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A Framework for Implementing ERP Systems in Higher Educational Institutions

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Higher educational institutions face challenges in managing resources effectively, impacting their competitiveness and sustainability. Higher educational institutions are critical for societal development, relying on effective management of resources for success. However, many Nigerian tertiary institutions still use traditional administrative systems, leading to inefficiencies and resource wastage. This study proposes a framework for implementing an Enterprise Resource Planning (ERP) system in higher education institutions to improve resource management. The framework integrates core processes into a single system, enhancing transparency, optimizing resource use, minimizing waste, and improving employee motivation. The framework aims to streamline administrative processes, reduce paperwork, and optimise resource utilisation. It provides a roadmap for enhancing competitiveness and sustainability. An Object Process Methodology (OPM) was adopted in this study. Data was collected using a descriptive case study to identify resource custodians and entities in Nigerian tertiary institutions. The various entities identified were classified as objects and processes. Using SWOT (Strength, Weaknesses, Opportunities, Threats) analysis, the strengths and problems of the existing system and possible opportunities to leverage upon for improvement were identified. These served as benchmarks for the proposed ERP system for tertiary Institutions. From the research findings, it can be inferred that an ERP system is crucial for modernizing higher educational institutions in Nigeria and achieving efficiency in resource management.

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