

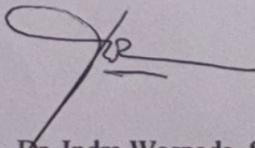
ABSTRACT

In the competitive medical equipment industry, selecting the right supplier is crucial to ensuring smooth operations and maintaining product quality. PT Parikesit Brayan Nusantara (PBN) still manages supplier processes manually, which is inefficient and prone to errors. This study aims to design and develop a web-based Supplier Management System (SMS) to support the integrated process of supplier selection, monitoring, and evaluation. The system was developed using the ICONIX Process method, which includes the stages of requirements analysis, design, and implementation. The system was tested using the black-box testing method to ensure that each feature works according to the defined functional requirements. The testing results show that all main features, such as supplier data management, supplier selection, and purchase order creation, function properly as intended.

Keywords : Supplier Management System, Vendor Management System, ICONIX Process, Medical Equipment, Supplier Management, PT Parikesit Brayan Nusantara

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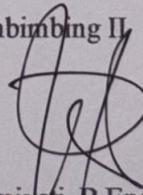
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