

ABSTRACT

The Gross Profit Margin is a ratio utilized to gauge the percentage of gross profit concerning net sales. Up to this point, the Telkom Akses Semarang Region lacks an integrated system for calculating the gross profit margin value. Reporting within this region remains decentralized, leading to an independent report creation process across divisions. This fragmented reporting process complicates management's ability to compute the gross profit margin from company transactions. To tackle this challenge, a web-based reporting application is essential to monitor and compile the company's cost of goods sold and revenue reports automatically calculating the gross profit margin value. As a remedy, a gross profit margin application has been crafted utilizing the ICONIX Process method, emphasizing report management and nominal report monitoring via charts. The ICONIX Process, a software development approach, employs UML and utilizes use cases as reference points. It encompasses four key stages: requirements, analysis/preliminary design, detailed design, and implementation. The gross profit margin application is developed using web-based PHP language. This study yields a gross profit margin application aiding Telkom Akses Semarang Region in report management and gross profit margin calculation. The application undergoes testing via black-box method-based scenarios, successfully passing all formulated tests, rendering it suitable for use by relevant parties.

Keyword : *Gross Profit Margin Reporting, ICONIX Process, web, php*