

## ABSTRACT

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*Nanjung Furniture is a manufacturing company engaged in the production of furniture with rattan as the raw materials. Production processes in Nanjung Furniture performed en masse ignoring the existence of orders. Currently, the owner Nanjung Furniture has not performed the calculation of the production cost. The calculation of the production cost is required in order to control the production process, as well as knowing the product price per unit to determine the selling price of finished goods stocked at the branches of Nanjung Furniture. The process cost method is used as the calculation of the cost of production in this final project. An application built with three objectives, namely, to manage the procurement of raw materials and auxiliary materials, to manage and to calculate the cost of a unit and the cost of production, as well as, to generate journals, ledger, finished product inventory report and production cost report. The functionality of the application built is as master data functionality, production materials procurement functionality, management of production data functionality, units cost calculation functionality, and production cost calculation functionality also reporting functionality. The design of information systems used in applications is Data Flow Diagrams (DFD) and Entity Relationship Diagram (ERD). This application is a web-based created with software development method using the waterfall and using the programming language PHP, which is supported by MySQL database, as its implementation. The application is able to manage the procurement of raw materials and auxiliary materials, to manage and to calculate the cost of units and production cost and to produces journals, ledgers, and finished product inventory reports and production cost report.*

*Keywords: Production Cost, Process Cost, PHP, MySQL*