ABSTRACT

MATRA company is a private manufacturing company engaged in machinery, manufacturing, production, rebuild and inspection for the power generation industry, chemical industry, sugar mills, energy, cement, fertilizer and paper, oil and gas, agro-industries. The company had a problem in the process of determining the cost of sales, these companies set prices in accordance with the agreement of the customer without calculating the costs that would arise in the process of production. This can lead to errors when calculating profit from selling the item. Therefore, the author makes an application that can perform calculations of the costs arising from the production process and produce financial information such as journals, ledgers and cost production report. This application is also expected to help the company in managing its data. The author makes this application using System Development Life Cycle method and unified modelling language such as use case diagram, activity diagram, class diagram and sequence diagram. This application created using codeigniter framework. Applications can replace processes that are still done manually, so as to minimize errors made by humans.

Keywords: Application, Production, Cost