

## ABSTRACT

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*Batik Pusaka Beruang Company is a company engaged in the traditional fabric industry. Batik pusaka beruang company in purchasing in raw materials are made directly by the owner. The problem that occurs is that they have not used a web based application that can manage the purchase of raw materials and plan the purchase if raw materials appropriately. So a web based application was built that can analyze the need for raw material inventory and minimize the cost of ordering raw materials using the EOQ method, Re-order Point, Safety Stock, Lead Time. As well as being able to manage raw material purchase transactions, which will later produce financial report for ledgers and general journal. This web based application aims to facilitate the company business processes in managing raw material requirements. This web based application is built using the PHP programming language and MySQL database. The method used in this final project is the Software Development Life Cycle method using the prototype method as a development model in building this application*

*Keywords: Raw material inventory, EOQ method, Re-order Point, Safety Stock, Lead Time.*