

## ABSTRACT

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*Kini Cheese Tea is a business engaged in the sales of drink and boba. Kini Cheese Tea located in Kemplong village, Kampung Batik, Pekalongan. The management process for purchasing raw materials for production drink and boba is distracted, because the owner buys raw materials when the stock is running low, which can lead to an unstable supply of raw materials and incorrect purchase. On a purchase return the owner only exchange defective items to vendor and the notes only written in the book manually. In managing raw material purchases, Kini Cheese Tea can use Economic Order Quantity method is a method that determines the quantity of items to be purchased for raw material inventory, with minimized raw material purchasing costs and recording of purchase returns that are carried out automatically in the application. So the owner need application for analysis of raw material purchase using economic order quantity method and structuring purchase return. Making this application using a system design Unified Modeling Language (UML) and Entity Relation Diagram (ERD). Using the PHP programming language in the codeigniter framework, and using the MySQL database. The result of this research and implementation are form of application can manage raw materials inventory, record purchase return, and record raw material purchase transaction and report.*

*Keywords: Raw Material Purchase, purchase return, CodeIgniter, MySQL*