

## ABSTRACT

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*Kini Cheese Tea is a franchise business that produces various types of beverages made from flavor powders and cream cheese. One of the activities that occurs in this company is procurement, the purchase of raw materials from suppliers for inventory. Good management of raw material inventory has an important role in a company because it will affect production activities. Until now, the process of recording and managing inventory is still done manually. The obstacles faced include manual recording which takes a lot of time to process so that inventory information cannot be known automatically and in real-time. Constraints that are close to recording are still done manually including errors in recording inventory, transaction evidence that may be lost, data processing that can take time so that inventory information cannot be known automatically and in real time, and company data problems. Therefore, a web-based application was created that could manage raw materials inventory that could produce accounting reports in the form of inventory receipt reports, cost of goods manufactured reports, and inventory cards using First In First Out (FIFO) method. This application was created using the System Development Life Cycle method and waterfall modelling, PHP programming language using Codeigniter as the framework while the database uses MySQL software. The result of this application is expected to be able to solve the problems faced by the company effectively and efficiently.*

*Keywords: Information System, Inventory, Raw Materials, FIFO Method*