

**DESIGN AND BUILD ONLINE SHOP INVENTORY SYSTEM BASED ON
MOBILE WEB USING FIRST IN FIRST OUT (FIFO) METHOD
(Case Study of Bepuskincare, Kupang)**

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ABSTRACT

Bepuskincare is an online shop that sells beauty products based in Kupang, East Nusa Tenggara. In its operation, Bepuskincare experienced several problems when collecting data on goods. In addition to the manual data collection, Bepuskincare also suffered losses due to an accumulation of goods so that the goods that had been purchased for a long time were not taken care of and passed the period of use. Therefore, a web-based inventory system was built as a medium for stock information for owners and employees so that inventory records can be monitored and managed from anywhere and anytime. To overcome the problem of losses due to the accumulation of goods, this system uses the FIFO (First In, First Out) method. This method allows the system to know which items are entered or purchased first so that they can be sold first so that there is no accumulation of old items. This system was created using the PHP programming language, MySQL database, and the Bootstrap Framework. With this system, it is hoped that the data collection process at Bepuskincare can run well. The system is also expected to be able to minimize data collection errors and losses due to accumulation of goods.

Keywords: *Inventory, PHP, MySQL, FIFO*