

## ***ABSTRACT***

### ***DESIGN OF A WEBSITE-BASED INVENTORY MANAGEMENT SYSTEM USING SCRUM METHODS***

**(STUDY CASE: NIRA SARI SHOP)**

By  
Siti Maghfiroh  
NIM 20102176

*Inventory management is warehouse management in managing inventory. Activities in managing this warehouse are very important in the smooth operation of every business. The manual goods flow management system used often causes errors in stock management, over or underproduction of goods and loss of data. this can hamper the company's ability to operate effectively against market demand. The purpose of this research is to develop a web-based inventory management system using the Scrum method, Scrum method is one of the agile method development approaches, the use of this method is used with consideration of flexibility, adaptability, and user involvement in system development. By using web technology, this system provides easy access and management of inventory data in real-time, allowing better monitoring of stock items, sales, and procurement processes. The results showed that the developed system succeeded in reducing errors in the flow of goods management. The system was tested using blackbox testing and showed that the success indicator reached 100%. It is said that the system can run and be used by nira sari.*

***Keywords: Inventory management, website, scrum method, stock management, blackbox.***