# **ABSTRACT**

Prima Listianti. 2022. DESIGN OF STOCK CONTROL APPLICATION USING WEB-BASED REORDER POINT METHOD (CASE STUDY: OMAH MODE). Mentor : Rakhmad Maulidi, M.Kom.

Keyword : Stock Control, Reorder Point, Minimum Stock

Omah Mode is an online shop that does’nt have a system to control the existing stock of goods. The current problem is the difficulty of controlling the stock due to the large number of items being sold, the large number of requests for goods from customers which causes Omah Mode to not be able to meet these needs because it is out of stock and is subject to a penalty from the marketplace, there are some items that are not in demand so that the item does not sell and is out of stock. accumulate in the warehouse and if the item is damaged it will cause a loss, the incoming and outgoing goods are not recorded properly. Based on these problems, a stock control application was designed using a web-based reorder point method. This method was chosen because it can determine the minimum stock of goods in the warehouse and the right time to re-order goods that are low in stock to the supplier. The results of this study, the system created has an accuracy rate of 85.71% based on a comparison of manual calculations and system calculations on 28 samples of goods.