

## **ABSTRACT**

The ranking system is a system for determining the most recommended menu rankings, by creating this system, it will provide many benefits to the Coffee Shop, one of which is the recommendation of stock taking. Stock taking is an activity to calculate the stock of goods in a company's warehouse. However, sometimes errors can occur in terms of stock calculations and errors in determining the most needed stock of goods. If this happens, it will hinder the manufacture of food and beverages contained in the menu of a company. Therefore we need a system / application that can create a menu ranking system, so that it can recommend stock taking. This problem can be solved by creating a ranking system, where the existing menu will be selected, so that it can bring up the menu with the best alternative. By using this system, you can recommend any items that can be prioritized for stock taking recommendations. This ranking system was created for Dilom Coffea. The method used to create the ranking system is the TOPSIS method (Technique for Order Preference by Similarity to Ideal Solution). The best alternative as a result of the menu ranking system output is the Kopcul alternative.

Keywords: Ranking System, Menu, TOPSIS