CHAPTER V
CONCLUSION

5.1 Conclusion

Based on the results of the research that has been conducted on "Web-Based Woven Fabric Sales Information System with Integration of AHP and MOORA Fuzzy Methods", it can be concluded as follows:

1. The web-based woven fabric sales information system was successfully designed and built to assist Woven Fabric SMEs in Ntobo Village in managing the sales process more effectively and computerized. The system is able to support the management of product data, sales transactions, stock of goods, delivery, and report making so that the operational process becomes more structured and makes it easier for managers to process sales data. In addition, the web-based system also helps expand the marketing reach of woven fabric products to consumers from outside the region
2. The integration of Fuzzy AHP and MOORA methods has been successfully applied to the woven fabric product recommendation system. The Fuzzy AHP method is used to determine the importance level weight of each criterion based on user preferences, while the MOORA method is used to perform the process of ranking alternative products. The results of the application of these two methods are able to help users in obtaining recommendations for woven fabric products that suit their needs and preferences more quickly, precisely, and objectively.
3. Based on the results of functional testing using the Black Box Testing method, all features in the system can run according to the functions and needs that have been designed. In addition, the results of the User Acceptance Test (UAT) show that the system received a good response from users because it is considered easy to use, helps the sales management process, and makes it easier for consumers to find and choose the desired woven fabric product. The test results show that the system built has been able to meet user needs and can be used as a supporting medium for the sales process and product recommendations at the Yuyun Gallery "UKM DINA".

5.2 Suggestions

To support the development of a better system in future research, there are several suggestions that can be used as considerations in the development and improvement of the system. The suggestions that can be given are as follows:

1. The system can be developed in the form of a mobile application to make it more accessible to users through smartphones.
2. Further research can add more criteria and product alternatives so that the results of product recommendations become more detailed and accurate according to user needs.