

CHAPTER V

CONCLUSIONS

This chapter contains the conclusion of research results and suggestions for further research.

5.1 Conclusions

The conclusions of this research are as follows:

1. The spare parts are classified into nine classes based on investment value and the movement from inventory, AF-class 22 spare parts, AS-class 15 spare parts, AN-class zero spare parts, BF-class 18 spare parts, BS-class 11 spare parts, BN-class zero spare parts, CF-class 15 spare parts, CS-class 20 spare parts, and CN-class zero spare parts.
2. The total inventory cost per month for Probabilistic Inventory Model and Joint Replenishment Model respectively are Rp30,320,989 and Rp1,341,059. The total inventory cost per month of the joint replenishment model is 95.58% much lower than the probabilistic inventory model.
3. For applications that have been developed, this application only focuses on displaying data entered manually based on the results of calculations with the lowest total inventory cost.

5.2 Suggestions

This research has analyzed inventory policy for motorcycle spare parts. This study is only focused on the Vario series. Further research can be conducted in other spare parts and advanced application that might help in the future.