

## CHAPTER VI

### CONCLUSION

This chapter contains the conclusions of the research that has been carried out and suggestions for further research.

#### 6.1 Conclusion

The conclusions obtained from the results of this study are:

1. Based on the research, To determine the optimal value for the number of orders for raw materials, the ARIMA model is used as the daily forecast value and the inventory management by considering the expiration factor as a tool for daily policies.
2. Application development to assist inventory management policies is made in a web-based form that can automatically carry out inventory management processes. So that daily policies can be carried out more effectively and efficiently.

#### 6.2 Suggestion

Based on the results of the inventory management application design, there are several suggestions for further research, namely:

1. Researcher of applications should perform easier sorting that is more optimal for each existing raw material in the future.
2. Researcher of applications should perform calculations in real-time on incoming demand every day in the future.