

CHAPTER VI

CONCLUSION AND SUGGESTIONS

This chapter contains conclusions from the study that has been done and suggestions for further study.

6.1 Conclusion

The results of research on the design of order management applications show that applications designed can help digitize the order management process at the company. The application is designed to meet the needs of MTO companies in managing orders. Determination of received date carried out by the system is more accurate compared to conventional methods where the system uses the LOMC method that considers the production capacity, time of order processing, and time of delivery of the order. Data integration at the company has also become better so that problems such as repeated data input, difficulties in finding order data, unclear order status, and determination of received dates and several other problems can be resolved by the system designed in this study.

The designed application also makes it easy for users to do business processes in the company. The availability of search features and data filters allow users to easily search for the desired order data. Integration between divisions in the system designed also makes no duplication of data orders entered by users, this is useful to avoid data errors, and reduce the use of paper which in conventional systems is used to provide information between divisions. This application also makes it easy for employees to make order reports because they do not need to input data back so that the order reports obtained are no errors.

This order manager application can manage orders at MTO companies on a SMI scale. The system is designed in accordance with the MTO company's business processes where the ordering process is started by the consumer and if an agreement

has occurred then the company carries out the production process. In general, this application can facilitate order management at MTO companies. But some companies need additional attributes to make order management more detailed.

6.2 Suggestions

In making this final project about designing an application, it still has some limitations. Based on these limitations, there are some suggestions for further research.

1. The next research can explain when a company with an SME scale is eligible to use a information system to obtain optimal benefits in the use of this information system.
2. Further study can develop the application by completing deficiencies that exist, such as completing the system by involving actors outside the company, the system can facilitate various kinds of production flow, and providing the system with the ability to do more customization during the ordering process.

