

CHAPTER VI

CONCLUSION AND SUGGESTION

This chapter contains conclusions from the study that has been carried out and suggestions for further related study.

6.1 Conclusion

The conclusion obtained from the results of this study is to provide a proposed design of improvements to the existing production planning and control system at the CNG Tofu Factory because the production planning and control system currently used often occurs overstock in the production process and excess production capacity due to excess orders. This has an impact on the course of the company's production process. The proposed design for improving the production planning and control system is carried out on the existing production planning and control system at the CNG Tofu Factory and all the parties involved in the system. The proposed design of the production planning and control system at the CNG Tofu Factory is in the form of a production planning policy and calculation of order lead time so that the existing problems at the CNG Tofu Factory can be resolved. The proposed production planning and control system is then designed into an application form so that the parties involved in the CNG Tofu Factory can use it easily. The design of the application also aims to make the calculation results can be obtained more quickly and precisely, making it easier for companies to determine the policies to be used. The designed application is flexible, where the application can follow the actual conditions in the company. The owner can adjust the results of calculations made by the application if the actual conditions do not match the calculations made by the application. The designed application is valid because it has the same value as the calculation done manually and has fulfilled the functional needs of the company.

6.2 Suggestion

Based on the proposed production planning and control system that has been designed, there are several suggestions for system improvement and development in further study, such as:

1. The research can be continued by designing a planning and control system for the raw material inventory needed at the CNG Tofu Factory.
2. In determining the order lead time, the actual condition of the raw material inventory should be considered.
3. The study can be continued by developing a more complex information system using a server so that it can store more data and can be accessed by all parties involved in real time without the need to record separately.
4. Presentation of information can be developed in the form of graphs so that it can facilitate and support companies in making decisions.

