

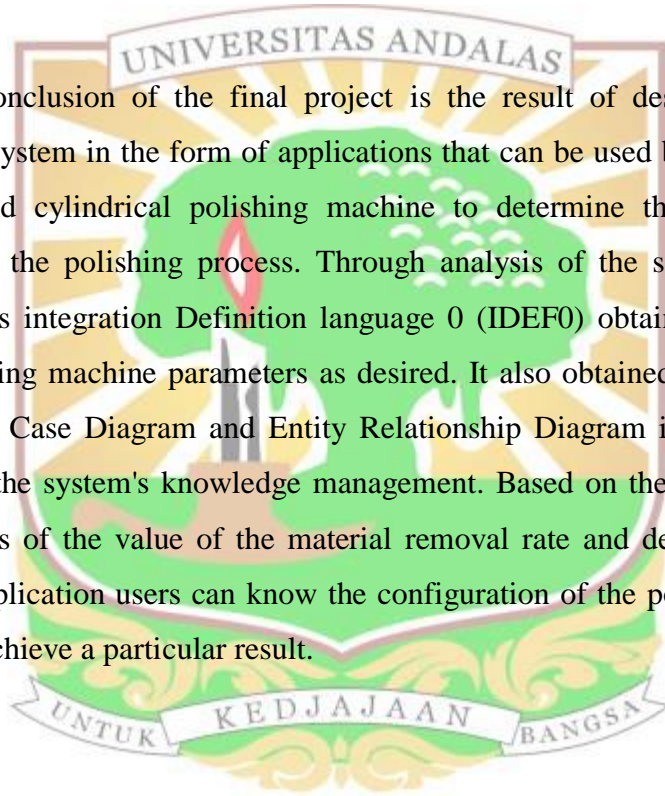
CHAPTER VI

CONCLUSION

This chapter contains the conclusion of the final project and further suggestions for the next final project.

6.1 Conclusion

The conclusion of the final project is the result of design knowledge management system in the form of applications that can be used by the operators of surface and cylindrical polishing machine to determine the configuration parameters of the polishing process. Through analysis of the system by using modeling tools integration Definition language 0 (IDEF0) obtained information entities polishing machine parameters as desired. It also obtained the Data Flow Diagram, Use Case Diagram and Entity Relationship Diagram in the design of databases on the system's knowledge management. Based on the application the output consists of the value of the material removal rate and degree of surface roughness, application users can know the configuration of the polishing process is needed to achieve a particular result.



6.2 Suggestion

Based on the results of the knowledge management system design and cylindrical surface polishing, some suggestions can be given to the improvement and development of the system in future studies.

1. The application for determining the configuration of polishing parameters made more automatic and dynamic, without manual input by the user, it can minimizing errors that occur in supporting the polishing management knowledge system decision.
2. Workpiece material for subsequent studies not only material whose surface is flat and cylindrical, but also material whose surface thread, pairwise, and dip.
3. Applications determination of the parameters can be directly connected to the polishing machine being investigated.

