

CHAPTER VI

CONCLUSION

This chapter will discuss about the conclusion of the research and suggestions for the future research.

6.1 Conclusion

Based on the result from the research, the conclusion for the research are as follows.

1. The data warehouse that have been designed able to integrate the data that previously scattered through nineteen operational database including SI UKT, SIREG, and 17 SIA database that being separated for each faculties, thus improving the efficiency when retrieving the desired data. The system also capable of showing the desired information and insight in form of dashboard with the source of the data warehouse.
2. The design for data warehouse for student tuition fee and standard education cost is created based on Kimball 9 Steps Methodology with the result of a fact tables consisting 297300 rows of data and seven dimension tables including student identity, faculty, scholarship type, degree, payment type, registration year, and level tuition dimension table with the range of duration for 2017-2021 period.
3. Four pages of dashboard then created by using the data warehouse already designed as a source includes Year to Year Analysis Dashboard, BKT vs UKT for Departments, BKT vs UKT for Faculty, and Enrolled Student Information. The dashboard can be used as a source of information for analysis on the problems related to tuition fees by the user.

6.2 Suggestion

The suggestion given for the future research are as follows.

1. The future research should involve the method for monitoring student's debt in paying the tuition fees and the student's capacity for each departments and faculties.
2. The future research should also utilize the dimensions that already designed in the current research to increase the conformity of the dimension itself.

