

Abstract

In an important educational institution of academic transparent data processing. Transparent in the sense that students are entitled to know their academic result during the learning process in a particular educational institution. Academic data processing here includes not only the processing of value, but also the processing of student attendance data, class schedules, and others. Academic Data Management at Health Faculty of Muhammadiyah University, Jember is still done manually with the data storage in excel, so that the data aren't well-organized.

Needed a way in which issues such as data processing value, attendance data mentioned above can be handled well and students can easily see their academic results. Therefore, the final project titled "*Application of Academic Data Management at Health Faculty of Muhammadiyah University, Jember*" was built to help the academic data processing activities at Health Faculty of Muhammadiyah University, Jember. Although there is a computer as data storage, data processing academic in fact still have a bottleneck. For that, they need applications that can handle the academic data processing.

The result of this final project is an application that can support data processing activities of an academic in Health Faculty of Muhammadiyah University, Jember. The final project was built using the Waterfall model. Implemented using the Java programming language using PostgreSQL database and other support software.

Key words: *grades, attendance, waterfall, java, postgresQL*