

Abstract

At the present time a lot of educational institutions especially universities, use of information system applications. This shows that the technology at the present time increase rapidly with the existence of an information system that can help the work process of the educational institution.

Every institution in education, especially higher education course in desperate need of improvement of the quality of one of them in the process of administrative guidance and trial data management TA / PA. To overcome needed applications to process data information system for easy in announcing the hearing schedule, the schedule of tuition and scheduling of the hearing online and realtime primarily for lecturers and Kaprodi that have fairly heavy workload. On the other hand also save costs and time for the monitoring of students who are in progress with the TA / PA.

Therefore, in this final project will create an application session management guidance and TA / PA IT Information Engineering Faculty Telkom. And also applications that will be built to support the process of long-distance guidance with the facility of exchanging messages to share data. IT Telkom has not previously had an application for administrative management information systems guidance and trial TA/PA.

For making application and trial management guidance TA / PA Faculty of Information Technology IT Telkom, waterfall method will be used and implemented by using programming language PHP and uses MySQL as the database and other supporting applications.

Keywords: *online, realtime, waterfall, PHP, MySQL*