

ABSTRACT

Counseling is a service or facility provided by the University that aims to improve students' personal, social, life, learning activities and career planning development. Counseling guidance plays an important role in the process of forming the personality of both academic and non-academic students. Guidance Counseling can run effectively if it is supported by well-computerized information system facilities. The main objective of this research is to make it easier for students to use the Guidance and Counseling facilities at Telkom University.

The system will be designed with software using the PHP programming language with the Laravel Framework and MySQL database. For the frontend it is made using HTML and CSS. On this website there are 3 types of users namely admin, student and counselor.

The final results obtained were based on direct testing with Telkom University Counseling Guidance as user acceptance testing and conducting alpha testing. The alpha test results have shown that most of the web design is running well so that it can make it easier for students to carry out Counseling Guidance easily. Testing was carried out by Mr. A. Darajat Basallama as Head of Character Development and Counseling at the Directorate of Student Affairs, Telkom University. Then the results of the beta test are known from the results of the questionnaire that has been distributed to a total of 37 respondents. In the validity test, the rtable value obtained was 0.325 and in the reliability test, the rtable value had a significance level of 5% with a coefficient figure of 0.739. The coefficient number is more than the r table value, so the questionnaire can be said to be reliable or reliable.

Keywords: *Website, Counseling Guidance, Testing*