ABSTRACT

Questionnaire for Student Needs (AKPD) is one of questionnaires used by the counseling teachers as a method or system to identify student problems experienced in the first year of junior high school. These problems are divided into four categories, there are personal, social, study and career. SMPN 21 Bandung is a school that used this questionnaire to identify student problems. By using this questionnaire, there are some obstacles, which are the high risk of losing data because it is still using paper, questionnaire processing that needs a lot of times because the counseling teacher has to input the students' answers manually to Ms. Excel that affect the total time to create the report document. Therefore, this "Web-based application to identify student problems" is built to help the counseling teacher to identify student problems. This application is built using PHP programming language with Codeigniter framework and MySQL database. The method used to build this application is Waterfall methodology. This application is only used by SMPN 21 Bandung. Based on the test result, this application can help to identify student problems.

Keywords: AKPD, Problem, Student, Counseling, Questionnaire, PHP, Codeigniter, MySQL, Waterfall.