School Counseling Services Information System Optimization in Multi-Level School at Surabaya

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The success criteria of formal education of a student are not only determined by academic ability, but also by attitude, interest, and value that is possessed by the student. Therefore, the School Counseling Services (SCS) becomes more important part of the school, to help students to accept and understand themselves and their environments. The SCS can also drive the students to self-direct and self-adapt to the demands of their environments. By providing a good service, SCS can help students to study and reach better achievement in education, social, and their career related to their interest and their talent. The goal of this research is to develop a software to optimize process of SCS used in multi-level school at Surabaya. Software is developed based on analysis and grand design from previous research. Evaluation of Information System SCS conducted by distributing survey to all three types of users, which are: Classroom Teacher, Counseling Services Teacher, and parents. The evaluation results proves that at least 75% of users agreed that the SCS able to improve teacher performances, improve capability of collaboration, each user understand its each individual roles, and maintain communication between different users. Furthermore, SCS IS could be expanded for more better and optimum service solution. Notification and messaging system between student-parents-teacher could be added to improve integrity of system, and to minimize redundancy. Academic System and other system such as School Medical Facilities should be interconnected to improve better services. Deployment planned to be carried out by executing the old and new systems simultaneously during academic year 2015-2016 in the scope of Kindergarten, Grade 1 and 4 Elementary School. Evaluation will be conducted after one year for further development.

Keywords: School Information System, Counseling Services

1. INTRODUCTION

Children are the assets that essential for future generation of nation. In order to prepare future nation leader, children must be well educated. Education is important aspect that should be maintained and introduced since childhood. Children receive education through schools or families. The successfullness of education is not only determined by the ability to think, but also influenced by other factors, such as attitude and mental maturity. According to Bloom taxonomy indicated that the goals of education can be categorize into three domains: cognitive, affective and psychomotor\textsuperscript{16}. Cognitive domain relates to the learner’s knowledge and the development of intellectual abilities and skills\textsuperscript{16}. The focus of the affective domain is on the learner’s interest, attitudes, and values\textsuperscript{16}. Psychomotor domain focuses on motor skills and is believed would not be useful\textsuperscript{16}.

Since the success of children development is not only determined by the cognitive abilities, but also the affective abilities, then the schools in Indonesia provide facilities that support children (student) education which is named: School Counseling Services (SCS).