DESIGN AND BUILD A MOBILE WEB BASED DATA PROCESSING SYSTEM FOR STUDENT SAVINGS

(Case Study: Bani Usman Manunggal Foundation Vocational School Tangerang Banten)

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ABSTRACT

Student savings is a school activity to support the development of students at the Bani Usman Manunggal Foundation Vocational School which is located on Jl. Raya Kresek No.68, Tangerang district. This activity aims for students to learn to save from an early age. Savings can be used for school activities or personal needs. However, the processing and storage of savings is still conventional and many obstacles are faced, including the possibility of books being damaged or data being lost as well as the possibility of errors in the accuracy of calculating the nominal savings. The development of technology makes people think about being able to work more effectively and efficiently. One of them is by making a conventional system into a computerized system. In this research, a web-based student savings data processing system was designed using the PHP programming language with the Laravel and Android mobile frameworks using the Java programming language and MySQL for the database. The web system can only be used by school admins and treasurers to manage student savings data and the Android mobile system can be used by students to view savings data information. With the system created, it is hoped that it will be able to overcome various obstacles faced by schools in processing savings.

Keywords: Student Savings, Web, Mobile, Java, PHP, MySQL Database.