

ABSTRAK

THE ACADEMIC SYSTEM AT STATE VOCATIONAL HIGH SCHOOL 1 WAY BUNGUR BASED ON MOBILE WEB

by:

ZUZLIFATUL ADNAN

juslifatuladnan@gmail.com

Technological advancements have significantly impacted various fields, including education, which demands efficiency and accuracy. At State Vocational High School 1 Way Bungur, the manual management of academic data results in several issues such as data input errors and delayed information. The purpose of the study was to develop a mobile web-based academic system using the Simple Additive Weighting (SAW) method to rank students in each class based on academic performance, non-academic achievements, behavior, and attendance. The system was intended to improve data management efficiency, information accessibility, and transparency in academic reporting. The implementation result showed an increase in efficiency in student registration, grade submission, and faster and more accurate attendance tracking. Access to academic information becomes easier and can be accessed anytime via mobile devices. This system also reduces human errors and enhances transparency as well as the relationship between the school, students, and parents with real-time information.

Keywords: Educational Technology, Academic Data Management, Mobile Web System, Simple Additive Weighting, Academic Transparency

