

ABSTRACT

DEVELOPMENT OF STUDENT HEALTH E-REPORTS USING AGILE METHODS TO DIGITALIZE HEALTH SERVICES

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Education plays a vital role in shaping individuals, and student health significantly impacts academic performance. Unfortunately, health records in most schools in Indonesia are still limited to height and weight data, which are insufficient for comprehensive student welfare monitoring. This limitation poses a major challenge for schools in providing appropriate care and hinders further research on student health. To address this issue, we propose the development of a dedicated website that allows schools to input student health data, including relevant questions. The collected information will be used by health officers from local health centers or institutions to assess students' health holistically. The website development process involves needs analysis, design, development, collaboration with healthcare professionals, testing, launch, training, and continuous monitoring. Based on testing, the system achieved a 100% success rate in blackbox testing and an average completion time of 11:56 minutes in usability testing by 7A grade students of SMP Telkom, reflecting ease of use. This research enhances the efficiency of student health monitoring and provides more comprehensive data for schools to support better health programs.

Keywords: Agile Method, Digitalization, E-Report, Student Health