

ABSTRACT

DESIGNING AN ACADEMIC INFORMATION SYSTEM USING THE SCRUM METHOD AT SMKS ST. NAHANSON PARAPAT

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Information systems are a part of information technology commonly used to provide concrete data to users. Over time, the spread of information system technology has rapidly integrated into various aspects of life, including education, specifically school information systems. SMKS St. Nahanson Parapat, a vocational school under the Department of Education in North Sumatra with an A accreditation, faces several challenges in managing academic information despite using the Dapodik System. These challenges include paper-based class scheduling, which is prone to being misplaced, limited access for students to their grades and attendance records, and difficulties in reaccessing learning materials. To address these issues, a Web-Based Academic Information System was designed using the Scrum method. This method enables the development of a simple website tailored to user needs. The system provides features for managing academic data, attendance, grades, and the distribution of learning materials efficiently. It is expected that this system will optimize academic information management and enhance service quality at SMKS St. Nahanson Parapat.

Keywords: *Academic, Information System, Scrum, Website*