

ABSTRACT

DESIGNING AN INFORMATION SYSTEM FOR THE TRAFFIC EDUCATION PARK OF THE BANYUMAS DISTRICT TRANSPORTATION OFFICE USING THE SCRUM METHOD

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The number of traffic accident incidents in Banyumas Regency in 2022 has increased. Based on data from the Banyumas Police Headquarters, during 2022, there were 2,272 recorded traffic accidents that resulted in 223 deaths. This is increase of 42.4% compared to 2021, when there were only 1,595 traffic accidents and 201 deaths. The Banyumas Regency Transportation Department, particularly in the Safety Section, has several work programs, one of which is SALUD. SALUD stands for Early Age Traffic Awareness and is one of the activities at the education park regarding traffic signs and safety in traffic. In its implementation, the SALUD program run by the Transportation Department still faces challenges due to the administrative process that is still not computerized and well organized. Therefore, a website is needed for the Banyumas Regency Transportation Department's traffic education park using the SCRUM method. This is to help schools to easily register for the education park and to allow users to use the system effectively. SCRUM is a process where decisions are based on observation, experience, and experimentation. SCRUM supports the concept of working quickly and adapting what is desired to be done and how it is done according to the needs. The results obtained after Blackbox testing show that the website can work according to its function. Testing SUS by giving questionnaires to 53 respondents and obtaining an average value of 81, where this website is feasible to use based on SUS testing parameters.

Keyword: Scrum, website, Registration, SALUD, Traffic