ABSTRACT

DEVELOPMENT OF WEBSITE-BASED AGRICULTURAL INFORMATION SYSTEM WITH AGILE METHODS (CASE STUDY OF P4S SATRIA TANI HANGGAWANA)

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P4S Satria Tani Hanggawana is a community engaged in agriculture located in Tegal Regency. In P4S Satria Tani Hanggawana, the administrative process is still carried out manually and there is no information system such as a website for managing agricultural products and outing classes. What's more, the information system has become a successful organization or agency to be able to carry out its business activities quickly and efficiently, especially in the agricultural sector. Based on a survey conducted by McKinsey Data, it is stated that the use of digital technology in agriculture can increase economic output by up to US$ 6.6 billion per year, from the survey it has been ascertained the importance of using information systems in agriculture. In developing agricultural information systems, researchers use the agile method as system development, the agile method has several stages, namely planning, design, development, testing, and deployment. Then in the development of the information system using the laravel framework for the backend and the tailwindcss framework for the frontend. Furthermore, in the development of information systems it is necessary to carry out testing, testing information systems using black box testing which is testing focused on software technical matters and produces a 98.63% interpretation of the feasibility of the system.