
Implementation of User and Article Module Design and Testing on Innovation Dashboard Backend using PHP Laravel and RESTful API

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Abstract

The abstract should state briefly the general aspects of the subject and the main conclusions. Innovation and research are important factors in improving the competitiveness and quality of educational institutions, including universities. Lecturers are not only required to be actively involved in teaching and learning activities, but also in research and community service. However, currently there is no platform that can integrate data related to lecturers' research at Telkom University, which causes data management to be ineffective. Therefore, this study aims to build and test the backend system of a research and innovation management application with a focus on user and article modules using PHP Laravel and RESTful web service. This system is expected to facilitate the management and archiving of lecturers' research in an integrated manner, improve data quality, and become a platform that can be accessed by the public to increase the credibility of Telkom University. System testing will be carried out using unit test and stress test methods to ensure the functionality and reliability of the system being built. The length of abstract should be no more than 200 words and should be typed be with 10 pts.

Keywords: information System, php laravel, restful apis
