

Abstract

This research focuses on the development of a Laravel-based back-end for the Directorate of Innovation and Research dashboard in academic and research institutions. To support the management of research and innovation data, the system is designed to overcome the API access limitations of the SINTA platform, which restricts the number of requests per account per day. Using the Laravel framework, this system is expected to enhance efficiency in data retrieval and processing, as well as better integration with existing dashboards. The results of this development show that the system can assist academic and research institutions in more effectively monitoring and evaluating research and innovation performance, as well as supporting better decision-making processes.

Keywords: Back-end, Laravel, Dashboard, SINTA