ABSTRACT

The development of the T-Feeder application for Higher Education Database (PDDikti) reporting aims to increase efficiency and accuracy in managing higher education data in Indonesia. In this research, the T-Feeder application is designed to facilitate the process of reporting data to PDDikti's Neo Feeder, which includes data on students, lecturers, curriculum and other academic activities. Using Laravel as a backend provides several benefits, such as a neat code structure, better security, and support for various modern features needed in web application development. The research carried out will focus on implementing REST APIs in developing backend applications. The system is in the form of a website application created using the SDLC method with a waterfall model, PHP ^8.1 programming language, Laravel Lumen 10^10 framework, and MySQL database. The results of developing this application show that T-Feeder is able to increase the efficiency of the PDDikti data reporting process, reduce data input errors, and speed up the time required for data delivery. Thus, it is hoped that this application can be an effective solution for universities in fulfilling their data reporting obligations to PDDikti.

Keywords: Backend, Neo Feeder PDDikti, Rest Api, Laravel Lumen, MySQL