

ABSTRACT

Scholarship management is an important aspect in supporting students who are entitled to financial assistance. However, at the IS-IoT Higher Education Science and Technology Excellence Center (PUI PT), the scholarship management system is still not well structured., which causes various problems, such as the loss of scholarship recipient data and ineffectiveness in the administration process. Therefore, this study aims to design a scholarship management system using the waterfall method. The results of this study are a scholarship management system with the main features of scholarship management to help manage scholarships, scholarship selection to help lecturers in selecting scholarships, and scholarship reports so that the scholarship award process can be monitored in real-time so that it can help PUI PT IS-IoT manage scholarship recipient data more effectively and improve information accuracy regarding scholarship progress reports for scholarship recipients.. In addition, the results of the validation process using the User Acceptance Test have a result of 100% which shows that the system designed is in accordance with user needs. For further research, it is recommended that this scholarship management system be further developed by adding a login feature using SSO (Single Sign-On), improving the security features of the system by adding an authentication feature, and adding a feature to print scholarship reports for one year.

Keywords - Waterfall Method, Scholarship Management Design, PUI PT IS-IoT, Information System.