

ABSTRACT

Center of Excellence (CoE) Smart City is a unit dedicated to the development of smart city systems that requires accurate financial management. Currently, financial records at CoE Smart City are still managed manually, using notebooks and Excel spreadsheets, which often lead to recording errors and delays in reporting. To address these issues, a web-based application was developed to record and report cash disbursements using the cash basis accounting method. This application is equipped with features such as staff master data, account master data, initial balance input, expenditure recording, as well as expenditure reports and general journal generation. The development process followed the Agile Development method, including stages of analysis, system design, coding, testing, and implementation. Testing was conducted using both black-box and manual methods to ensure the functionalities meet the required needs. The results show that the application helps make the process of recording and reporting cash outflows more accurate, systematic, and centralized. Additionally, the application can generate reports in PDF format, which can be printed and submitted to CoE management. With this application, financial management at CoE Smart City becomes more structured, accurate, and real-time.

Keywords: web-based application, cash outflow, cash expenditure report, cash basis, petty cash