

ABSTRACT

Student Association activities management that formerly still use manual way, such as to do the filing of its activities by submitting a proposal to file for approval. Then need to get approval from multiple parties who also takes quite a long time which makes it ineffective. It is not efficient when the application process is when the set must print the current set of receive a notification that there is to be revised. This research aims to develop a web application for managing the set of activities focused on the special set for submission of proposals to the accountability report (LPJ) activities be centralized in Google Drive. For application development, FAIRSHIP use the methodology Iterative and Incremental made 3 increments involving analysis, design, coding, integration, testing, and review the shortcomings gradually. The web application itself is built using the concept of Model View Controller (MVC) using the programming language PHP with CodeIgniter framework and MySQL database. By using this application, the set is not only easy to make the process of submission of the proposal to the proposed activity was successfully held. Tests were done in 2 ways, namely by the method of Black Box at the technical viewpoint and User Acceptance Test (UAT) on a strategic standpoint. The yield on the Black Box testing showed that, overall, the application can work in accordance with the needs of the user. Meanwhile, the score UAT showed 85.23% which means that applications can be received very well by the user. Overall, the results generated from both testing tesrsebut has been quite positive, which means that in-app features FAIRSHIP developed can be applied.

Keywords: Student Association activities management, web application, CodeIgniter framework, Google Drive, Black Box Testing, User Acceptance Test (UAT)