

ABSTRACT

Scholarship is an allowance which given to students as aid learning costs. in order to get scholarship information, the students must search for information one by one, because the information given on the web is not only the subject of scholarships but also the information about UKM/Student organisation, seminar activities, training activities, competition activities and other information. In addition to get scholarship information students need to always access the web any time because the information on the web is always updating. In order to get the information about scholarship student should open the website, it might take more time and not necessarily information sought scholarships can be found. Besides that, Scholarship registration, management of data offense, creation of good conduct letter, recommendation letter and report was done with the manual system by the Faculty Student Affairs. Therefore, application of web-based scholarships information and Android based which has submission of scholarships information features, scholarship registration, share scholarships information, and the use of reminders are made on Android based. for the offense management data, creation recommendation letters, letter of good conduct and recording of registration is made by web-based. This application is made by using the waterfall method and using the PHP programming language with CodeIgniter framework for web applications. For Android application is used Android Studio for editor. MySQL is used as database server. Users of this application is Faculty Student Affairs section of Applied Sciences for web applications, lecturers and students for Android application. Therefore, this application is able to provide scholarship information more quickly and precisely, also able to facilitate students in the search, reminder and registration scholarships online, facilitating the lecturer guardian to share information to some of the social media as well as able to facilitate Faculty Student Affairs in managing data registries and data offense.

Keywords: Scholarship, Waterfall, Blackbox Testing, MySQL