

## **ABSTRACT**

Telkom University has a scholarship program for their students, one of them is external scholarships. External Scholarships are scholarships that can be obtained when Telkom University student has passed at least one year of study period. In order to obtain external scholarships, students should see scholarships information that are available on a website that has been provided. Students who are interested in obtaining a scholarship should collect hardcopy documents to the Student Section who will select those documents manually. Then from all of the scholarship applicants, only some of them who will get the scholarships in accordance with the terms and the availability quota of the scholarship. This research aims to develop a crowdfunding-based web application on scholarship modules that focuses on the process of automated scholarship applications and reviewer module who could help Student Section in selecting the scholarship application documents. The development of this web application is using Iterative Incremental methodology that involves inception, elaboration, construction, and transition stages. This web application is made by using Model-View-Controller (MVC) concept which utilizes programming language PHP within Laravel framework and MySQL database. The result of this research is a crowdfunding-based web application that could help students on the process of applying scholarships and help Student Section for selecting scholarship applicants' documents. In addition, the students and Student Section could also view the history of scholarship that has been applied or has been accepted.

Keywords : scholarship, crowdfunding, iterative incremental.