

## **ABSTRACT**

Lab assistant is an lecture asisstant who was given the task to help faculty implement and evaluate practical activities of students. Generally, the lab assistants are students who have reached the third semester and have a good enough value to be desired lab assistant. The current system is still using manual systems, and make process not efficiently. Therefore it takes a web-based application that can handle the process of scheduling and managing of report activity asisstant (BAP) in order to run the process efficiently. This application uses the Symfony framework and data stored using MySQL. Software development model used is the method Prototype and tested using the method of Black Box Testing. From the results of application testing, on the side of the admin, admin can manage the data subjects lab, lab assistant, information, coordinator of student (KM), the minutes of the lab, and approve the schedule assistant. On kaur side, kaur can upload files and sk and view reports bap. On the side of the lab assistant, lab assistant can choose schedules, filling BAP, and download SK. On the side of the lecturer, the lecturer can enter data KM and approve BAP. On the side of KM, KM can approve the BAP. Based on the test results for the functionality, it can be concluded that the application can be used as an application scheduling and management of report activity assistant at FIT prodi MI Telkom University.

Keywords: Asisstant, Information, Scheduling, BAP, Report