ABSTRACT

The Faculty of Industrial Engineering was awarded as the faculty with the highest student achievement score in 2022. The form of appreciation carried out by the Faculty of Industrial Engineering to outstanding students in the competition is the provision of incentives, as attached to the Telkom University Rector Decree number KR.292 / KMH02 / KMH / 2023. To get incentives, students need to report their achievements to the student affairs department then, student affairs will compile an incentive submission report which will be given to the directorate of finance. The current process makes it difficult to manage and monitor submission reports caused by the processes used today are not integrated so that there are activities that occur repeatedly in each entity. Therefore, a system is needed that monitors student competition achievement incentive approval reports that facilitate integrated and realtime communication, management, and monitoring.

Scrum method is a system design method used in this Final Project research. Scrum method is a method that is suitable for this Final Project problem because of its flexible approach, short system development completion time, and requires an adaptive method. Black box testing is used to test the suitability of functions on the system and system workflow. Meanwhile, the user acceptance test is used to determine the feasibility of using the information system.

The result of this Final Project is a system that monitors the submission of incentives for student competition achievements based on a website that can facilitate Student Affairs of the Faculty of Industrial Engineering in the process of managing and monitoring related to the submission of incentives. The existence of a monitoring system is expected to solve problems in the process of submitting incentives for student competition achievements to be integrated and obtain real time results at the Student Affairs of the Faculty of Industrial Engineering.

*Keywords - **Student Competition Achievement Incentive, Monitoring System, Scrum.***