

## **ABSTRACT**

*The Faculty of Industrial Engineering is one of the faculties at Telkom University Bandung. The Faculty of Industrial Engineering has assets spread over several places that can be used by the affiliated study programs. With a large number of assets scattered in many places, the absence of a good system can complicate the asset management process at the Faculty of Industrial Engineering. This final project aims to design a system that can simplify the management process at the Faculty of Industrial Engineering, namely the Management Information System (MIS) to manage assets.*

*In designing this asset management information system, the scrum scrum method is used to assist the asset management process at the Faculty of Industrial Engineering. The process carried out with this method begins with determining the product backlog. After that, the sprint planning process is carried out which produces a sprint backlog consisting of three sprints. The next stage is the sprint execution process and then a sprint review. The next stage is the retrospective sprint process with blackbox testing and User Acceptance Test (UAT) for the system that has been created.*

*The result of this final project is an asset management information system of the Industrial Engineering Faculty that can be used for asset management processes at the Industrial Engineering Faculty. This system can assist relevant stakeholders in carrying out the asset management process.*

*Based on the results of this final project, it has been obtained that the system development process created is a system for asset management activities at the Faculty of Industrial Engineering, Telkom University. The system can perform all features and functions according to the menu provided. There are still opportunities for development and improvements that can be made to make this system even better.*

*Keywords— Asset, Asset Management, Faculty of Industrial Engineering, Scrum, SIM.*