ABSTRACT

Telkom University Faculty of Industrial Engineering (FRI) is one of the faculties at Telkom University. The transfer of the Industrial Engineering Faculty to the Telkom University Landmark Tower building was accompanied by the entry of new assets to support laboratory and academic facilities. The large number of assets that must be managed and the unavailability of an integrated system that can support the asset management process can complicate the asset management process at the Faculty of Industrial Engineering (FRI) of Telkom University.

Based on these problems, this final project aims to design a Management Information System that can facilitate the laboratory and academic asset management process in the industrial engineering faculty. In its design, the scrum method is used to help design the laboratory and academic asset management system of the Faculty of Industrial Engineering. The use of this method has 6 stages, namely product backlog, Sprint Planning, Sprint backlog, Sprint execution, Sprint review, and Sprint retrospective. Then, proceed with the system Testing process using Mockup Testing and User Acceptance Tests.

This system has menus and features that can display various information regarding asset data, asset procurement, asset Maintenance, asset lending, and asset write-off at the Faculty of Industrial Engineering (FRI) Telkom University. The system can run according to the function needs so that it can be used for asset management processes in the laboratory and academics of the Faculty of Industrial Engineering (FRI) Telkom University.

The benefit of this Final Project is an asset Management Information System for laboratories and academics of the Faculty of Industrial Engineering at Telkom University Landmark Tower Building. This system can facilitate Stakeholders in carrying out asset management processes at the Faculty of Industrial Engineering (FRI) Telkom University.Keyword — ***Asset Management, Faculty of Industrial Engineering, Scrum, Asset, Management Information System***