

ABSTRACT

The Faculty of Industrial Engineering (FRI) Telkom University is one of the faculties at Telkom University. The transfer of the Faculty of Industrial Engineering to the Telkom University Landmark Tower building was accompanied by the entry of new assets to support the faculty's infrastructure, one of which was the office. 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 office asset management process at the Faculty of Industrial Engineering (FRI) Telkom University. Based on these problems, this final project aims to design a management information system that can facilitate the process of office asset management in the faculty.

In the design of this system, the scrum method is used to help design the 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, continue with the system testing process using blacbox testing and user acceptance test.

The design result of this Final Project is the asset management information system of the Faculty of Industrial Engineering at the Telkom University Landmark Tower Building. This system has menus and features that can display various information regarding office asset data, asset procurement, asset maintenance, asset write-off, and asset search at the Faculty of Industrial Engineering (FRI) Telkom University.

This asset management information system can make it easier for stakeholders to carry out office asset management processes in the faculty, such as the process of inventory, procurement, maintenance, deletion, and search for office assets. The system can run in accordance with its function so that it can be used for the office asset management process at the Faculty of Industrial Engineering (FRI) Telkom University.

Keyword — Asset Management, Faculty of Industrial Engineering, Office, Scrum, Asset, Management Information System