# ABSTRACT

Educational programs within the Faculty of Industrial Engineering, Telkom university like many other universities, have specific requirements and demands for various types of assets to support their teaching, research, and learning activities. To fulfill the needs of educational activities, the faculty is also required to manage a large number of assets. To address this challenge, this study proposed the development of a Management Information System (MIS) so that assets handling is more accurate, efficient, and easy to use. The main objective is to create a MIS that improves asset management, deals with current issues, and improves operational effectiveness within the faculty.

The research employs a systematic methodology that includes utilizing data collection, system design, integration, validation, and evaluation. The agile Scrum framework is used in the study that ensures a dynamic and flexible approach to system development. The designing process starts with the analysis of current business processes and existing asset data then finding the user needs before creating the system using google ecosystem such as Google Sheets, Google Forms, and Google Apps Script.

The results are the Asset management Information System for FRI at Telkom University can cover several important functions. From asset tracking and procurement to maintenance and reporting, the system was created to enhance the efficiency of asset management within the faculty.

Once implemented within the Faculty of Industrial Engineering at Telkom University, the designed Management Information System for asset management promises numerous benefits for stakeholders. Enhanced and convenient access to real-time asset information awaits faculty staff, administrators, and relevant personnel. This centralized system offers streamlined workflows and standardized processes, minimizing manual errors, eliminating redundant tasks, and ensuring consistency across departments. Furthermore, improved tracking of asset lifecycles facilitates optimized maintenance schedules, reduced downtime, and ultimately, cost savings in asset upkeep.



***Keywords: Asset Management, Google Ecosystem, Management Information System.***