

ABSTRACT

The achievement of Student Activity Transcript (TAK) points is one of the key indicators in supporting student competencies in the Faculty of Industrial Engineering (FRI). However, the existing business process for monitoring TAK point achievement still has several weaknesses, particularly in suboptimal monitoring and limited data display on the current dashboard. This study aims to propose a more integrated business process in the form of a TAK monitoring dashboard involving the Faculty of Industrial Engineering (FRI).

The method used in this study is Business Process Management (BPM), which includes gathering user requirements, designing the dashboard, validating the design through interviews with stakeholders, and analyzing the strengths and weaknesses of the proposed design. The design of this monitoring dashboard is also aligned with the specification provided by the Faculty of Industrial Engineering (FRI).

The resulting dashboard design offers several advantages, including alignment with FRI specifications, recommendations for student activities along with the corresponding soft skill gained, easy-to-understand visualizations of TAK point achievement progress, and integration with academic advisors via gmail. This monitoring dashboard also facilitates the process of submitting TAK documents.

With this proposed design, it is expected to improve the monitoring of TAK point achievement among students in the Faculty of Industrial Engineering (FRI) and assist students in reaching the target of 60 points in a structured manner. Recommendations for future research include evaluating the performance of the monitoring dashboard and adding other features to support more adaptive and dynamic student activity management.

Keywords: Student Activity Transcript, Monitoring Dashboard, Faculty of Industrial Engineering, Soft Skill Development.