

ABSTRACT

Telkom University has established a strategic vision to become a National Excellence Entrepreneurial University by 2028 through the Invest in People strategy, which is realized by strengthening human resources, particularly through the implementation of Tridharma and supporting activities by lecturers. The Faculty of Industrial Engineering plays a strategic role in supporting this vision by ensuring that lecturers' contributions to Tridharma and supporting activities can be monitored and evaluated regularly. However, the current monitoring process remains manual, relying on raw data in Excel spreadsheets with complex tables, lacking visualization, and depending on reports provided by the Human Resources (HR) unit. The large number of lecturers and their distribution across multiple campuses further complicates the evaluation process. To address this issue, this study designs and develops a website-based Dashboard information system using the Business intelligence roadmap method. The system enables quarterly input of Tridharma and supporting activities by the Head of Expertise Group and presents KPI visualizations. System evaluation is conducted using User Acceptance Testing involving primary users such as the HR unit, the Dean's Office, and the Head of Expertise Groups. The evaluation results indicate that the system was well-received, with User Acceptance Testing scores of 93.33% for system appearance, 96.67% for system quality, and 88.56% for system functionality. Based on these results, the system is considered capable of supporting the monitoring process of lecturers' Tridharma and supporting activities at the Faculty of Industrial Engineering.

Keywords: *Business Intelligence Roadmap, Dashboard Information System, Data Visualization, Tridharma and Supporting Activities, User Acceptance Testing.*