

ABSTRACT

Based on the Joint Regulation of the Minister of Education and Culture and the Head of the National Civil Service Agency Number 4 and 24 of 2014, *Jabatan Akademik Dosen (JAD)* plays a crucial role in defining the scope of responsibilities, authority, and rights. JAD has a direct impact on teaching quality and functions as a critical indicator for institutional accreditation. Therefore, effective monitoring of JAD progress is essential. Human Resources (HR) unit of the Faculty of Industrial Engineering faces several obstacles in JAD monitoring, as the process still relies on raw Excel spreadsheets displayed in complex tabular formats, without integrated data visualization and Dean's office must wait for periodic reports from the HR unit to obtain updates on lecturers' JAD. The large number of lecturers, spread across Telkom University's main and branch campuses, adds to the complexity of the monitoring process. To address these issues, this research aims to design a *Dashboard* Information System that facilitates the monitoring process through data visualization using the Business Intelligence Roadmap method and is developed using the Laravel framework. The main features is role-based access control, *dashboards* containing relevant charts related to JAD, data filters, and lecturer data management. Evaluation conducted through User Acceptance Testing (UAT) indicates that this study successfully assisted users in monitoring JAD achievements through data visualization, yielding test scores of 91,66%, 98,33%, and 90% for the indicators of system appearance, system quality, and system functionality, respectively.

Keywords: *Business Intelligence Roadmap, Data Visualization, Dashboard Information System Jabatan Akademik Dosen, Monitoring Lecturer.*