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Faculty of Industrial Engineering (FRI), Telkom University, faces challenges in optimally monitoring faculty performance, particularly in tracking the performance of faculty members within each expertise group. These challenges arise from the absence of an integrated system that enables the Head of Expertise Groups to efficiently monitor faculty performance. Consequently, inconsistencies occur in the performance evaluation process, impacting the effectiveness of management.

To address this issue, this study employs the Rapid Application Development (RAD) methodology in designing a web-based management information system. The RAD phases include Requirement Planning, User Design, Construction, and Cutover. Data were collected through interviews with stakeholders and observations of business processes, followed by system requirements analysis and interface design using a dashboard to comprehensively display faculty performance.

The results of the study indicate that the designed system provides real-time visualizations of faculty activities, such as research, teaching, and publications. The system also facilitates the Heads of Expertise Groups (KK) and the Dean's Office in conducting performance evaluations more efficiently, enhancing transparency, and supporting data-driven decision-making.

In conclusion, the web-based information system utilizing the RAD approach proves effective in monitoring faculty performance. The implementation of this system is expected to optimize task distribution and improve management quality within the Faculty of Industrial Engineering, Telkom University.

Keywords: Management Information System, Faculty Performance, Dashboard, Faculty of Industrial Engineering, Rapid Application Development (RAD).