

ABSTRACT

Outcome-Based Education (OBE) focuses on achieving desired learning outcomes. At Telkom University, OBE is implemented through the iGracias application, managing curriculum aspects like Program Educational Objectives (PEO), Program Learning Outcomes (PLO), and Course Learning Outcomes (CLO). With approximately 30,000 students, updating this application is crucial for improving usability and data consistency. The goal is to enhance the user interface (UI) and OBE system to increase faculty engagement, and provide tools and features that facilitate monitoring learning progress. The methodology includes analyzing challenges, literature review, and qualitative and quantitative data collection and analysis. Results indicate that updating the UI and data architecture enhances user experience and supports transparency and accountability in academic evaluation. In conclusion, these updates ensure a more efficient and responsive education system that meets student needs while supporting continuous improvement in educational quality at Telkom University. Thus, the redevelopment of the OBE application is a crucial step in maintaining and enhancing the quality of higher education in the modern era.