

## **ABSTRACT**

*Measuring learning outcomes is a crucial component in ensuring the quality of education at Telkom University. The traditional methods currently used are considered ineffective and inefficient. Therefore, this study aims to develop an Outcome-Based Education (OBE) application that can enhance the effectiveness of learning outcomes measurement and assist both teaching staff and students in the learning process. This study encompasses two main aspects: first, designing a user-friendly and interactive User Interface (UI) to increase user engagement; second, redeveloping the OBE application with new features that facilitate easier access and monitoring of learning data. Through this approach, the application is expected to provide a better and more efficient user experience in managing and monitoring learning outcomes. The results of this development indicate that the new OBE application is capable of improving the effectiveness and efficiency of learning outcomes measurement. Teaching staff and students can easily access, input, and manage their learning data. The implementation of the OBE application at Telkom University is expected to serve as a model for improving learning outcomes measurement systems in other educational institutions.*

*Keywords: OBE, UI, Application*