

# **Development of Mobile Learning on Cognitive Counseling Approaches for Improving Understanding of Counseling Approaches for BK FIP UNY Students**

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## **ABSTRACT**

Technological developments have brought changes to various aspects of life people, including in education. Learning activities need to apply technology to achieve optimal results. This study aims to: 1) Produce mobile learning about cognitive counseling approaches for BK FIP students UNIVERSITY; 2) Knowing the feasibility of mobile learning about cognitive counseling approaches for BK FIP UNY students; and 3) Testing the effectiveness of mobile learning on approaches cognitive counseling to improve understanding of counseling approaches for BK students UNY FIP.

This research is a research and development research. The development steps in this study refer to the R&D model with ADDIE model which includes analysis, design, develop, implement, and evaluate. Mobile The learning developed will be divided into 3 components, namely approach material, cognitive counseling, implementation, and evaluation. The sample in this study were students BK FIP UNY who has taken courses in theory and counseling approach. Technique data collection using an understanding test instrument of cognitive counseling approach. The data analysis technique uses the Wilcoxon test to determine the effectiveness of mobile learning in increasing the understanding of the counseling approach to students.

The targeted result is to produce mobile learning products for improve the understanding of counseling approaches for BK FIP UNY students. Results The research is expected to be useful for the BK study program to improve the quality of learning with ICT-based learning innovations. Likewise, it is useful for students to understand the cognitive counseling approach with mobile learning.

**Keywords:** mobile learning, cognitive counseling approach, students

**Kata Kunci:** *mobile learning, cognitive counseling approach, students*