

## ABSTRACT

e-Learning is not a new thing in the field of education. Many Universities around the world already apply e-Learning since few years ago. Student in Industrial Engineering Telkom University who already take Project Management course felt that the material of its course is a lot. The feedback showed that they need e-Learning to support them learning of those materials. Many researches have discussed about e-Learning design but this research is about designing an e-Learning content. The research uses Design sprint which is a framework from agile method. the objective of this research is to design an e-Learning content design in the Project Management course especially in the Project Cost Management sub-chapter with the Design Sprint method and design the content a prototype in the form of an e-Learning video but before designing the e-Learning, it needs to be planning the project. This study conducted to create Mini Project Master Plan. The writer use design sprint as the base of methodology to develop the e-Learning content. Design sprint get faster result, with low budget needed, and the result will appropriate with the user and judgment expectation. Design Sprint method is affected by user and expert judgment in the developing process. Not only that, the writers want to assess the students with appropriate quizzes. The questions of quizzes are adjusted by the Learning Outcome of the course based on backward design and Bloom's taxonomy. The learning videos of this chapter already tested and shows there is an increase until 50 of student's performance. It is expected that the e-Learning is intended to facilitate students in learning and understanding the amount of lecture materials outside the classroom continuously.

**Keywords:** *Project Management, MPMP, e-Learning, Agile, Design Sprint, Bloom's Taxonomy.*