

ABSTRACT

The CTLE of Telkom University is on mission to implement e-learning by making every lectures to be delivered in e-learning. One of the chosen media to deliver the course in e-learning is video-based learning. Since that, one of the top priority courses to be made earlier is project management due to the its complexity. Not to mention that in the coming years project management-oriented job will have 82% premium wages higher than non-project management oriented. One of the learning outcomes which is a knowledge area within project management that is so critical to the project is project integration knowledge that is why the project is to deliver the project integration knowledge area in project management course. However, due to the uncertainty surrounded the e-learning, with high failure rate, the project is risky. Preventing it will require a well-develop project plan. Nevertheless, e-learning project will need project management approach, since embedding project management will align designer and academics goal. The study found that the project management plan helped the project team to deliver the video-based learning for project integration knowledge in project management course. This study will be useful for developing project management plan in e-learning project. Through the execution of the project until it ends, the project has been categorized as a failure due to the failed quality being met in the process. On the other hand, the video-based learning has been successfully made using the adjusted design sprint. Finally, the video-based learning has increased the average score of students after watching video-based learning.

Keywords— *E-learning, project management, project management plan, design sprint, student performance*