

ABSTRACT

The rapid changes in technology and internet has made a huge impact in education field. It has developed learning to the next point where anyone can learn anything from anyone else at any time. Project Management course is one of the mandatory subject in Industrial Engineering, Telkom University. Many students admit that they found it's difficult to learn Project Management course because they felt there are too many materials given by lecturer in class which caused them to be less concentrated. Creating e-learning content is the best way to solve this problem because with e-learning, they will be able to learn and understand the course as long as they connected to the internet. Creation of e-learning content is considered as a project. Every project needs a plan for maintaining the project under control. This study will focus on the planning for developing e-learning content. One of good ways to create e-learning content is to use design thinking because design thinking is the ability to anticipate and visualize new scenarios. Design sprint is one of the definitive version of design thinking. Thus, this study focuses on creating e-learning content using design sprint method. The result of this study show that the student's performance increased 84% after they watched video-learning.

Keywords: project management, e-learning, video-learning, design sprint, agile.