ABSTRACT

Tiga Berlian Company is a company engaged in heavy and mild steel, such as the manufacture of trellises, iron pegs and mosque domes. One of the products that has a high level of difficulty in making is the mosque dome. In current conditions, the company has a problem with the absence of documentation knowledge that can help business processes in the company. This results in when there are new workers who want to learn the process of making a mosque dome but do not have documentation of a guide for making a mosque dome, it will allow new workers to understand the process of making and installing a mosque dome. Therefore, knowledge documentation is needed to help the company's business processes in the form of e-learning media.

This study aims to design e-learning content in the activities of making and installing mosque domes. This study was designed using the ADDIE method (Analyze, Design, Development, Implementation, Evaluation) and the SECI method (Socialization, Externalization, Combination, Internalization). The use of the ADDIE method is to assist in the design of e-learning, while the SECI method is used to explore the knowledge possessed by workers and experts who have experience in the process of making and installing mosque domes.

In the evaluation stage, the test results of values before using e-learning and after using e-learning are carried out, the test is carried out using the paired t-test because it will compare 2 paired samples. The results of testing using the paired t-test showed that there was a significant difference between before using e-learning and after using e-learning.

Kata Kunci: ADDIE, *e-learning*, SECI