ABSTRACT

Devin Sinaga. NIM.5173131006: Development of E-learning Media Based on Microsoft Teams Application in Class XI Electrical Lighting Installation Course at SMK Negeri 2 MedanT.A 2020/2021.

This study aims to develop an E-learning learning media based on the Microsoft Teams application in class XI electrical lighting installation lessons in Electrical Power Installation Engineering at SMK Negeri 2 Medan which can be used to support distance learning so as to assist educators in implementing learning, delivering subject matter and assignments to students.

This research was conducted at SMK Negeri 2 Medan, Electrical Power Installation Engineering Department. This research is a research and development (Research and Development). The stages of this research use the ADDIE model development research, which includes: (1) Analysis, (2) Design, (3) Development, (4) Implementation, and (5) Evaluation .

The results of this study are the Electric Lighting Installation Learning Media, with a feasibility assessment / validation (1) the data from the validation results by media experts reaches an average score of "4.68" with a very feasible category, (2) the data validation results by material experts reach a score of an average of "4.95" with a very decent category. Based on the results of the assessment from media experts and material experts, the results obtained in a very feasible category, so the conclusion in this study is that the E-learning learning media based on the Microsoft Teams application is very suitable for use in electric lighting installation lessons for class XI Electrical Power Installation Engineering at SMK Negeri 2 Medan.

Keywords : *Learning Media, E-learning, Microsoft Teams Application Based, Electrical Lighting Installation.*

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