Development of Care Learning E-Module for Discovery Learning Based on Students of Makeup Studies Education Program, Medan State University

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Abstract—The study is intended to: (1) determine the feasibility of e-module learning care agency based discovery learning, and (2) determine the effectiveness of the e-module learning care agency based discovery learning. Type of research this is the research development using the product Borg and Gall were combined with the model of development learning Dick and Carey. This model includes six stages namely: literature study, planning and design development, product development, expert validation, trials, revisions, and final products. Subject test try consists of a two-person expert material, two-person expert design of learning, two expert video media learning, three the students to test individual, Nine students for the test group of small, and four thirty the students to test the field. The result of the filing of hypotheses prove that: (1) the media e-modules of learning worthy of use in learning care agency on the program of study education tat a dressing university land terrain, (2) there is a difference that is significant between the results of learning of students who be taught to use the e-module learning care agency with the result of learning of students who be taught to use the media to learn the book text. This is indicated by the results of data processing t arithmetic = 3.285 at a significance level α = 0.05 with dk 40 obtained t table = 1.67, so t arithmetic > t table, the effectiveness of using e-module body care learning = 80.46%. Results of study groups of students who be taught without the use of e-module learning care agency by 71.72%. From the data have proved that the use of e-module learning care agencies more effective in improving the competence and knowledge of students on study treatment weight of at without using the medium of e-modules of learning care.

Keywords—Discovery Learning, Development of E-Module Learning Care Agency

I. INTRODUCTION

Information and Communication Technology (ICT) is currently highly developed in society. Generally Information Technology is a technology that is used to manage data, including in it: processing, obtaining, compiling, storing, manipulating data in a variety of ways and procedures to produce quality information and high-value use. The development of ICT continues to increase along with the increasing human needs, especially in the field of Education [1]. At present the trend of the use of e-electronic, which means a lot of emerging, such as e-education, e-learning, and so on, including the use of e-modules. At present information technology seems to have become a teacher, book and learning system that is conventional. By because it is, with increasingly growing progress in the field of science knowledge and technology Institutions especially college high that competence in the field of vocational already preparing the source power of man that is the students who are competent in the field of expertise of each one of them in the field of expertise order beauty or cosmetology.

University of Medan is one of the Institutions of Education State which has a program expertise competence vocational in the field of governance of beauty. Program Study of Educational Makeup Department of Education Welfare and Family Faculty of Engineering is a program of study that opened since the teachings of 2007/2008 was one of the efforts to meet the needs in the community will be the teachers professional and skilled in the fields of cosmetology in the future will come. Improved quality of teaching in universities high, especially in institutes of Education personnel education is and must continue to be improved. Based on the results of interviews with faculty pengampu eyes of college nursing agency implemented on the date of 17 January 2019 can be concluded that during these lectures carried out only with the methods of lecture and demonstration. Practices are simulated first advance by the lecturers can spend time almost 2 credits and subsequent student practice it together. While the result of learning of students associated with the eyes of college nursing agency, the data obtained from the results of learning of students in the eyes of college nursing agency in the teachings of 2016/2017 is said to be good. This can be seen from there are 22.85% who get very good grades and 77.15% who get good grades. Although the result of learning of students in the eyes of college nursing agency pertained to say good, but still
need to be improved so that the results of study, a student may be retained or more improved again so that the purpose of the expected... 

METHOD

The role of lecturers as educators is needed to motivate student enthusiasm for learning. For the lecturer, it is seen as a personal issue of the lecturer who engraves a lot of things that must be learned by the lecturer. Lecturers are always learning about the process of student learning in order to get the best results... 

RESULTS AND DISCUSSION

III. RESULTS AND DISCUSSION

In connection with the research, the author would like to develop an e-module for learning. The use of e-modules is beneficial as a medium for improving learning. The use of e-modules has proven to improve learning outcomes. In the current learning media, e-modules can be used as a medium for improving learning outcomes. e-modules can be used as a medium for improving learning outcomes. The use of e-modules is beneficial as a medium for improving learning. The use of e-modules has proven to improve learning outcomes. In the current learning media, e-modules can be used as a medium for improving learning outcomes. e-modules can be used as a medium for improving learning outcomes.
IV. CONCLUSION

Based on the formula, objectives, results and discussion of research development of the e-module learning care agency whose stated earlier, it can be summed up as follows:

After passing through several phases of test try, either test try of expert material, test try expert design learning, and test try from expert video and desian graphics and test try to students, the product e-module learning dressing characters have the result already decent into the product end of the can be disseminated and implemented to the user. It is clarified with the acquisition of the average ratings almost all stages, ie in a test try expert materials on the table a scale of five, niali that included the category "very good", the test try expert design learning in the tables scale of five, the value of the included category of "Good", In the trials of the experts in the five scale table, the value is included in the category of "very good", in the one-on-one trial in the five scale table, the value is included in the "very good" category, in the small group trials in the five scale table, the value is included in the category of "very good", in the field trials in the five scale table, the value is included in the "very good" category.

To see the effectiveness of the product, an analysis of student learning outcomes was carried out. Based on the analysis of student participants test try to group a large result of use of e-module learning care agency on the test results of learning of students showed that the result of learning of students who be taught to use the e-module learning.

REFERENCES


