

The Development of Social Media Patterned E-Learning Using Google Classroom to Improve Students' Learning Motivation and Information and Communication Technology (ICT) Literacy

by Widodo Setiyo Wibowo, Allesius Maryanto, Sabar Nurohman

ABSTRACT

E-learning is seen as a new form of education in the 21st century. The aims of this study were: (1) To produce E-Learning using Google Classroom which has the eligibility to increase learning motivation and ICT literacy of students (2) To test the practicality of Google Classroom-assisted E-Learning for use in learning.

The research was Educational Research and Development (R&D). The development procedure used in this study refers to the Borg & Gall R&D Model which consists of ten development steps. In the first year, this study implemented steps 1) Research and information collecting, 2) Planning, 3) Develop preliminary form of product, and 4) Preliminary field testing. Meanwhile, steps 5) Main product revision, 6) Main field testing, 7) Operational product revision, 8) Operational field testing, 9) Final product revision, 10) Dissemination and implementation will be carried out in the second year of research. The Focus Group Discussion (FGD) method was used to collect data on the feasibility and practicality of the e-learning. The instruments used were expert validation sheets, practitioner response sheets, learning motivation questionnaires, and ICT Literacy questionnaires. Expert assessment and practitioners' responses were analyzed descriptively qualitatively and quantitatively.

The results showed that: (1) e-learning with a social media pattern using Google Classroom that has been produced is declared suitable for use in learning. Based on the results of expert assessments, this e-learning is categorized as "very feasible" in terms of aspects of learning, materials, media, and technology. (2) E-learning is also stated to be practical for use in learning. It is based on practitioner responses in the "very practical" category. Thus, this e-learning can be applied in the trial stage to see its effectiveness in increasing student learning motivation and ICT literacy.

Kata Kunci: E-Learning, Google Classroom, Learning Motivation, ICT Literacy