

# DEVELOPMENT OF A VIRTUAL IPS LABORATORY BASED ON MOBILE LEARNING AS A LEARNING SOURCE IN JUNIOR HIGH SCHOOL SUBJECTS

by Supardi, Sudrajat, Yuhanida Milhani, Diah Nadiatul Jannah, Siti Maisaroh

## ABSTRACT

*Civilization becomes borderless with the use of computing power, unlimited data, and the development of the internet. This development can indicate the use of technology. Utilization of the Virtual Social Science Laboratory is the right way to use technology in learning as a source of the learning process. The role of learning resources is very important, especially in social studies subjects. This study aims to: (1) produce products from the procedure of making a virtual social science laboratory based on mobile learning as a learning resource for social studies subjects in junior high school; (2) Knowing the level of feasibility of using a mobile learning-based virtual social studies laboratory as a learning resource for social studies subjects in junior high school. This research is a type of R&D research using the Bord and Gall method. Research procedures in research and development are 1) research and information collection; 2) planning; 3) development of the initial form of the product; 4) field testing and product revision; 5) final product revision; and 6) dissemination and implementation. The subjects of this study were students of class VIII MTs Daar Es Salam Luwunggede. The result of this research is the creation of a mobile learning-based virtual social science laboratory as a learning resource for social studies subjects. The product assessment by media experts obtained a score of 96 with a maximum score of 125 so that the average score was 3.84 which was included in the category of good use and declared feasible. Product assessment by material experts obtained a score of 96 with a maximum score of 125 so that the average score was 3.84 which was included in the good category used and declared feasible. The product assessment by the Social Studies teacher obtained a score of 163 with a maximum score of 175 so that the average score was 4,657 which was included in the very good category and was declared very suitable for use. The assessment of student responses based on the feasibility test for 30 students was obtained by 97% (29 students) stating it was very good and 3% (1 student) stating it was good. These results from all aspects of the assessment get a score of 4,564 stating that the Virtual Social Science Laboratory is very feasible to use.*

Kata Kunci: *Virtual Laboratory, Social Studies, Learning Resources*