EFEKTIVITAS PENGGUNAAN APLIKASI BERBASIS ANDROID UNTUK MONITORING AKTIVITAS SISWA DALAM PEMBELAJARAN PENDIDIKAN JASMANI

by Soni Nopembri, Jaka Sunardi, Hedy Ardiyanto, Guntur, Ridho Gata Wijaya

ABSTRACT

This study aims to determine the effectiveness of Android-based physical activity monitoring software (application) in monitoring student activity in real time (speed, steps, distance traveled and active time). This research is a survey research with tests and measurements taken during and after physical activity. The subject of this study was one teacher who taught sports and health physical education and their 60 students. The instrument is in the form of a score sheet containing a list of statements accompanied by a value scale and a 400-meter running test to test the accuracy of the Speed, Calories, Steps, Distance and Time indicators on the software. Quantitative descriptive analysis was carried out to analyze data from teacher and student assessment results, as well as instrument accuracy based on indicators. Android-based physical activity monitoring software is considered very effective by users, both teachers and students. Meanwhile, the results of testing the effectiveness of using the software on various brands of hardware and internet providers show varying accuracy results, so further testing is needed with devices that have close to good accuracy.

Kata Kunci: *Software, Android, Monitor, Physical Activity*