

## **ABSTRACT**

*This study discusses the development of learning in the form of E-LKPD equipped with education games based on Liveworksheets. Based on the results of interviews at SMP Negeri 1 Lembak that there is no interactive multimedia-based E-LKPD because there are limited time available. In addition, it is known that students' interest in learning the material for the human movement system is still quite low because the learning delivered by the teacher is still monotonous, the teacher only explains through printed books owned by students. The purpose of this research is to find out the development of electronic student worksheets (E-LKPD) based on interactive multimedia equipped with education games on valid and practical human motion system material for class VIII SMP/MTs. This type of research is Research & Development (R&D) which uses the ADDIE research model which is limited to the development stage (Development). The instruments used are interview sheets, validation sheets, teacher assessment sheets and student response sheets. Based on the results of the research, the average validity value of material experts, media expert lecturers and linguist lecturers was 91,11% with a very valid category. And for the practicality questionnaire assessment, the average score is 86,36% with a very practical category. The result of the response that the E-LKPD equipped with educational games based on Liveworksheets for SMP Negeri 1 Lembak is valid and practical in learning science for class VIII.*

**Keywords : E-LKPD, education game, software liveworksheets**

## ABSTRAK

Penelitian ini membahas mengenai pengembangan pembelajaran berupa E-LKPD dilengkapi *education game* berbasis *Liveworksheets*. Berdasarkan hasil wawancara di SMP Negeri 1 Lembak bahwa belum ada E-LKPD berbasis multimedia interaktif karena ada keterbatasan waktu yang ada. Selain itu diketahui minat peserta didik terhadap pembelajaran materi sistem gerak manusia masih cukup rendah karena pembelajaran yang disampaikan oleh guru masih bersifat monoton, guru hanya menjelaskan melalui buku cetak yang dimiliki peserta didik. Adapun tujuan dari penelitian ini ialah untuk mengetahui pengembangan elektronik lembar kerja peserta didik (E-LKPD) berbasis multimedia interaktif dilengkapi *education game* pada materi sistem gerak manusia kelas VIII SMP/MTs yang valid dan praktis. Jenis penelitian ini yaitu *Research & Development* (R&D) yang menggunakan model penelitian ADDIE yang dibatasi sampai tahap pengembangan (*Development*). Instrumen yang digunakan yaitu lembar wawancara, lembar validasi, lembar penilaian guru dan lembar respon peserta didik. Berdasarkan hasil penelitian nilai validitas rata-rata dari ahli materi, dosen ahli media dan dosen ahli bahasa sebesar 91,11% dengan kategori sangat valid . Dan untuk penilaian angket praktikalitas skor rata-rata sebesar 86,36% dengan kategori sangat praktis. Hasil tanggapan tersebut bahwa E-LKPD dilengkapi *education game* berbasis *Liveworksheets* untuk SMP Negeri 1 Lembak sudah valid dan praktis dalam pembelajaran IPA kelas VIII.

**Kata kunci :** E-LKPD, *education game*, *software liveworksheets*