

Abstract

Students, teachers, and facilities are components that cannot be separated in the educational process. But in reality, not all schools can afford it provide a complete means of teaching materials for the teaching and learning process. Until now, there are many teaching materials that support technological advances as well as facilitate the educational process, one of which is non-printed teaching materials in the form of e-books. Teaching materials can be said to be good if they meet several criteria, wrong only aspect of validity. A teaching material can be used if it meets the criteria validity. The purpose of this study was to test the validity of flipbook-based e-book teaching materials for human motion systems in class XI SMA/MA. This study uses the ADDIE development model, which is limited to development stage. The results of this study indicate that flipbook-based e-book teaching materials for human movement systems for class XI SMA/MA can be declared very valid with an average percentage of 94.7%. This can be seen from the percentage of eligibility obtained by 96% from linguists, 89.2% from materials experts, and 99% from design experts. Therefore, the flipbook-based e-book teaching materials the material for human motion systems in class XI SMA/MA that were developed are very valid or very feasible to use.

Keywords: *Teaching materials, e-books, flipbooks, development.*

Abstrak

Peserta didik, guru, serta sarana ialah komponen yang tidak bisa dipisahkan dalam proses pendidikan. Tetapi pada realitanya, tidak seluruh sekolah sanggup menyediakan sarana bahan ajar yang lengkap untuk proses belajar mengajar. Sampai saat ini banyak bahan ajar yang mendukung kemajuan teknologi serta memudahkan proses pendidikan, salah satunya bahan ajar non-cetak berupa *e-book*. Bahan ajar bisa dikatakan baik apabila memenuhi beberapa kriteria, salah satunya aspek validitas. Suatu bahan ajar dapat digunakan jika memenuhi kriteria kevalidan. Tujuan dari penelitian ini adalah untuk menguji validitas bahan ajar *e-book* berbasis *flipbook* materi sistem gerak pada manusia kelas XI SMA/MA. Penelitian ini menggunakan model pengembangan ADDIE, yang dibatasi sampai tahap *development* (pengembangan). Hasil penelitian ini menunjukkan bahwa bahan ajar *e-book* berbasis *flipbook* materi sistem gerak pada manusia kelas XI SMA/MA dapat dinyatakan sangat valid dengan persentase rata-rata sebesar 94,7%. Hal tersebut dilihat dari presentase kelayakan yang didapat sebesar 96% dari ahli bahasa, 89,2% dari ahli materi, dan 99% dari ahli desain. Maka dari itu bahan ajar *e-book* berbasis *flipbook* materi sistem gerak pada manusia kelas XI SMA/MA yang dikembangkan ini sangat valid atau sangat layak untuk digunakan.

Kata kunci : *Bahan ajar, e-book, flipbook, pengembangan.*