

## ABSTRAK

### PENGEMBANGAN MEDIA PEMBELAJARAN INTERAKTIF BERBASIS ARTICULATE STORYLINE 3 PADA MATERI SISTEM EKSRESI SMA KELAS XI

**Marzelly Agustiani**  
**Universitas Sanata Dharma**

Analisis kebutuhan di lima Sekolah Menengah Atas Daerah Istimewa Yogyakarta dan Kalimantan Utara secara garis besar telah menunjukkan bahwa pendidik dan peserta didik belum siap menjalankan pembelajaran jarak jauh baik dari segi fasilitas dan sumber daya manusia. Permasalahan tersebut menyebabkan kurangnya interaksi dalam proses belajar yang dapat meningkatkan antusias belajar peserta didik, kesulitan memahami materi sistem ekskresi, dan akses internet yang tidak stabil. Oleh karena itu, penelitian ini dilakukan untuk mengembangkan media pembelajaran interaktif berbasis *Articulate Storyline 3* yang memiliki banyak fitur pendukung serta mudah digunakan untuk membuat media pembelajaran interaktif pada materi sistem ekskresi kelas XI. Penelitian ini bertujuan untuk mengembangkan dan mengetahui kelayakan media pembelajaran berbasis *Articulate Storyline 3* pada materi sistem ekskresi SMA kelas XI.

Jenis penelitian yang dilakukan adalah *Research and Development (RnD)* dengan model pengembangan oleh Sugiyono (2017) dan dilakukan sampai tahap revisi produk. Tahapan penelitian diawali dengan mencari potensi dan masalah, mengumpulkan informasi, desain produk, validasi produk dilakukan oleh ahli media, ahli materi serta dua guru mata pelajaran biologi dan tahap terakhir yaitu revisi produk berdasarkan masukan validator.

Berdasarkan hasil analisis validitas, persentase skor rata-rata hasil validasi aspek media yaitu 90,95% dengan kriteria “sangat baik”, persentase skor rata-rata hasil validasi aspek materi yaitu 86,66% dengan kriteria “sangat baik” dan diperoleh persentase rata-rata akhir yaitu 88,92% dengan kriteria “sangat baik”. Hal tersebut menunjukkan bahwa produk media pembelajaran interaktif berbasis *Articulate Storyline 3* pada materi sistem ekskresi SMA kelas XI layak untuk diujicobakan pada pembelajaran jarak jauh setelah perbaikan sesuai dengan saran dari validator.

**Kata Kunci:** Media interaktif, *Articulate Storyline 3*, Sistem ekskresi, *Research and Development (RnD)*.

**ABSTRACT****DEVELOPMENT OF INTERACTIVE LEARNING MEDIA BASED ON ARTICULATE STORYLINE 3 ON THE MATERIAL OF CLASS XI HIGH SCHOOL EXCRETION SYSTEM**

**Marzelly Agustiani Sanata**  
**Dharma University**

*Needs analysis in five high schools in the Special Region of Yogyakarta and North Kalimantan in general has showed that educators and students were not ready to carried out distance learning both in terms of facilities and human resources. These problems led to a lack of interaction in the learning process which can increased students' enthusiasm for learnt, difficulty understanding excretory system material, and unstable internet access. Therefore, this research was conducted to developed interactive learning media based on Articulate Storyline 3 which has many supporting features and was easy to used to created interactive learning media on the excretory system material for second grade of high school. This research aims to developed and found out the feasibility of interactive learning media based on Articulate Storyline 3 on the excretion system material for second grade of high school.*

*The type of research conducted was Research Development (RnD) with a model and development by Sugiyono (2017) and carried out until the product revision stage. The research stage began with looked for potentials and problems, collected information, product design, and product validation was carried out by media experts, material experts and two biology subject teachers and the last stage was product revision based on validator suggestion.*

*Based on the results of the validity analysis, the average score percentage of media aspect validation results is 90.95% with the criteria "very good", the average score percentage of material aspect validation results is 86.66% with the criteria "very good" and obtained the final average percentage of 88.92% with the criteria "very good". This showed that the interactive learning media product based on Articulate Storyline 3 on the excretory system material for second grade of high school was worthy to be tested in distance learning after repaired according to suggestions from the validator.*

**Keywords:** *Interactive media, Articulate Storyline 3, Excretion system, Research and Development (RnD).*