

ABSTRAK

Isral, Ananda Geiskha. 2025. *Pengembangan E-LKPD terintegrasi Isu Sosiosaintifik (ISS) pada Materi Sistem Reproduksi Manusia Kelas IX*. Skripsi. Tanjungpinang: Jurusan Pendidikan Biologi, Fakultas Keguruan dan Ilmu Pendidikan, Universitas Maritim Raja Ali Haji. Pembimbing I: Dios Sarkity, S.Pd., M.Pd. Pembimbing II: Assoc. Prof. Dr. Dra. Hj. Nevrita, M.Pd., M.Si.

Kata kunci: E-LKPD, Isu Sosiosaintifik, Sistem Reproduksi Manusia.

Penelitian ini bertujuan untuk menghasilkan *e-LKPD* yang terintegrasi dengan Isu Sosiosaintifik (ISS) pada materi Sistem Reproduksi Manusia kelas IX yang valid. Penelitian ini merupakan penelitian pengembangan yang mengacu pada model pengembangan ADDIE yang mencakup tahap: (1) *Analyze* atau analisis, (2) *Design* atau perancangan, (3) *Development* atau pengembangan, (4) *Implementation* atau implementasi, dan (4) *Evaluation* atau evaluasi. Penelitian ini dibatasi hingga tahap *development* sehingga tahap *Implementation* yang meliputi uji praktikalitas dan uji efektivitas serta evaluasi secara sumatif tidak dilakukan. Teknik pengumpulan data pada tahap analisis dilakukan melalui wawancara, observasi, kuesioner berupa angket dan lembar *checklist*, serta studi literatur. Sementara itu, teknik pengumpulan data pada tahap validasi dilakukan melalui angket yang terdiri atas lembar uji validitas media dan lembar uji validitas materi. Teknik analisis data dilakukan terhadap kebutuhan peserta didik dengan melihat persentase dari setiap jawaban yang diperoleh. Adapun analisis data terhadap skor hasil validasi media dan materi dilakukan dengan menggunakan skala Likert, yang kemudian diolah untuk menentukan persentase kelayakannya. Berdasarkan hasil penilaian dari validator materi, validitas materi memperoleh rata-rata sebesar 90,62% dengan interpretasi sangat valid, sedangkan penilaian media oleh validator media memperoleh rata-rata sebesar 100% dengan interpretasi sangat valid. Dengan demikian, dapat disimpulkan bahwa *e-LKPD* yang terintegrasi dengan Isu Sosiosaintifik (ISS) pada materi Sistem Reproduksi Manusia kelas IX dinyatakan sangat valid. Implikasi dari penelitian ini adalah bahwa pengembangan *e-LKPD* memiliki potensi untuk menambah variasi bahan ajar, khususnya bahan ajar yang dapat melatih kompetensi literasi sains, apabila penelitian ini dilanjutkan hingga tahap uji coba untuk mengetahui tingkat kepraktisan dan efektivitas *e-LKPD* dalam pembelajaran.

ABSTRACT

Isral, Ananda Geiskha. 2025. *Development of E-Worksheet Integrated with Socioscientific Issues (SSI) on Human Reproductive System Material for Grade IX*. Thesis. Tanjungpinang: Department of Biology Education, Faculty of Teacher Training and Education, Raja Ali Haji Maritime University. Advisor: Dios Sarkity, S.Pd., M.Pd. Co-Advisor: Assoc. Prof. Dr. Dra. Hj. Nevrita, M.Pd., M.Si.

Keywords: E-Worksheet, Socioscientific Issues, Human Reproductive System.

This research aimed to develop an electronic student worksheet (e-LKPD) integrated with Socioscientific Issues (SSI) on Human Reproductive System material for 9th grade that was valid. This research was a development study based on the ADDIE development model, which included the following stages: (1) Analyze, (2) Design, (3) Development, (4) Implementation, and (5) Evaluation. This study was limited to the development stage; therefore, the implementation stage—which included practicality and effectiveness testing—as well as summative evaluation, were not conducted. Data collection techniques at the analysis stage were carried out through interviews, observations, questionnaires in the form of surveys and checklist sheets, and literature studies. Meanwhile, data collection techniques at the validation stage were carried out through questionnaires consisting of media validity test sheets and material validity test sheets. Data analysis techniques were performed on student needs by looking at the percentage of each answer obtained. Data analysis for the validation result scores of media and material was done using a Likert scale, which was then processed to determine its feasibility percentage. Based on the assessment results from the material validator, the material validity obtained an average of 90.62% with a very valid interpretation, while the media assessment by the media validator obtained an average of 100% with a very valid interpretation. Thus, it was concluded that the e-Worksheet integrated with Socioscientific Issues (SSI) on Human Reproductive System material for 9th grade was declared very valid. The implication of this research was that the development of the e-Worksheet had the potential to add variation to teaching materials, especially those that could train scientific literacy competence, if this research were continued to the trial stage to determine the practicality and effectiveness of the e-Worksheet in learning.