

ABSTRAK

**PENGEMBANGAN LKPD INTERAKTIF BERBASIS MASALAH
MENGUNAKAN QUIZIZZ PADA MATERI
HIDROLISIS GARAM**

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Bahan ajar menjadi salah satu penentu keberhasilan proses pembelajaran karena peserta didik akan mudah memahami materi yang sedang dipelajari. Bahan ajar yang digunakan di SMA Pangudi Luhur St. Louis IX Sedayu adalah e-LKPD dalam *e-learning*. Materi hidrolisis garam merupakan salah satu materi yang sulit, sehingga perlu dikemas melalui bahan ajar yang menarik. Salah satu cara untuk mengatasi masalah tersebut adalah dengan mengembangkan LKPD berbasis masalah menggunakan Quizizz. Tujuan penelitian ini yaitu (1) mengetahui kelayakan produk berupa LKPD interaktif berbasis masalah menggunakan Quizizz dan (2) mengetahui respon peserta didik selama menggunakan produk. Penelitian ini merupakan penelitian pengembangan yang mengadopsi model 4D yang dimodifikasi menjadi model 3D meliputi *Define, Design, dan Develop*. Instrumen penelitian meliputi lembar wawancara, lembar validasi, butir soal dalam produk, dan angket respon peserta didik terhadap produk. Sampel yang digunakan dalam penelitian ini berjumlah 10 orang peserta Fase F kelas XII yang dipilih melalui teknik purposive sampling. Data penelitian dianalisis secara kuantitatif dan kualitatif. Hasil penelitian menunjukkan bahwa: (1) produk telah memenuhi kriteria sangat valid dan sangat layak dengan rata-rata persentase sebesar 93,2%. Berdasarkan hasil jawaban peserta didik, produk memenuhi kriteria efektif dan hasil yang tinggi dengan rata-rata nilai peserta didik dalam mengerjakan butir soal pada Lembar Kerja dan soal evaluasi masing-masing sebesar 79,56 dan 70 (2) respon peserta didik terhadap produk baik dengan rata-rata persentase 77,08% berdasarkan hasil analisis angket. Rata-rata persentase respon peserta didik per butir pertanyaan sebesar 75,97%. Berdasarkan komentar dalam angket, sebanyak 70% peserta didik menyatakan bahwa produk yang dikembangkan menarik.

Kata kunci: LKPD Interaktif, Pembelajaran Berbasis Masalah, Quizizz, Hidrolisis Garam

ABSTRACT**DEVELOPMENT OF PROBLEM-BASED INTERACTIVE STUDENTS
WORKSHEET USING QUIZZZ ON THE TOPIC OF
HYDROLYSIS OF SALT**

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Teaching materials are one of the determinants of the success of the learning process because students will easily understand the material being studied. The teaching material used at Pangudi Luhur St. Louis IX Sedayu High School is e-LKPD in e-learning. Salt hydrolysis material is one of the difficult materials, so it needs to be packaged through interesting teaching materials. One way to overcome this problem is to develop problem-based LKPD using Quizizz. The objectives of this study were (1) to determine the feasibility of the product in the form of interactive problem-based LKPD using Quizizz and (2) to determine the response of students while using the product. This research is a development research that adopts the 4D model which is modified into a 3D model including Define, Design, and Develop. The research instruments include interview sheets, validation sheets, items in the product, and a questionnaire for students' responses to the product. The sample used in this study amounted to 10 Phase F class XII participants selected through purposive sampling technique. The research data were analyzed quantitatively and qualitatively. The results showed that: (1) the product has met the criteria of very valid and very feasible with an average percentage of 93.2%. Based on the results of students' answers, the product meets the criteria of effectiveness and high results with the average score of students in working on questions on worksheets and evaluation questions of 79.56 and 70, respectively (2) students' response to the product is good with an average percentage of 77.08% based on the results of questionnaire analysis. The average percentage of learner responses per question item is 75.97%. Based on comments in the questionnaire, 70% of students stated that the product developed was interesting.

Keywords: Interactive LKPD, Problem Based Learning, Quizizz, Salt Hydrolysis