

ABSTRAK

**PENGEMBANGAN RANCANGAN PEMBELAJARAN BERBASIS
PROYEK DENGAN *GOOGLE CLASSROOM* UNTUK MATERI
PEMANFAATAN DAN PEMELIHARAAN SDA**

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Penelitian ini dilatar belakangi oleh kegiatan belajar mengajar oleh guru dan siswa yang sudah terimplementasikan dengan teknologi pasca pandemi sekaligus pengembangan pembelajaran abad 21 di era revolusi industri 4.0. Hal tersebut membuat Kemendikbudristek mengembangkan Kurikulum Merdeka Belajar yang mengubah gaya belajar menjadi *student centered* dan cocok untuk disandingkan dengan pembelajaran berbasis proyek dan LMS (*Learning Management System*)

Tujuan dari penelitian adalah untuk mengembangkan rancangan pembelajaran berbasis proyek yang menggunakan *Google Classroom*. Pengembangan rancangan tersebut diharapkan dapat meningkatkan hasil belajar peserta didik dan mengembangkan kemandirian sesuai karakteristik pembelajaran berbasis proyek dengan LMS (*Learning Management System*). Penelitian dilakukan dengan metode R&D (*Research and Development*) dengan menggunakan tipe ADDIE. Subjek dari penelitian ini adalah 6 siswa SD kelas IV dengan objek penelitiannya adalah rancangan pembelajaran. Peneliti mengumpulkan data penelitian menggunakan instrumen penelitian wawancara, observasi, dan kuesioner.

Hasil penelitian adalah sebagai berikut. 1) Rancangan pembelajaran yang disusun dengan sintaks pembelajaran berbasis proyek dengan *Google Classroom* untuk materi pemanfaatan dan pemeliharaan sumber daya alam dilakukan dengan metode penelitian R&D (*Research and Development*) berdasarkan langkah-langkah dalam tahap ADDIE (*Analyze, Design, Development, Implementation, Evaluation*). 2) Kualitas LMS (*Learning Management System*) dengan menggunakan *Google Classroom* berdasar pada hasil uji validitas oleh 4 ahli dengan skala 1 sampai 4 mendapat rerata skor 3,29 dengan kategori sangat baik dan tidak perlu melakukan revisi, namun tetap melakukan perbaikan sesuai saran para ahli.

Kata Kunci: LMS (*Learning Management System*), *Google Classroom*, IPS SD

ABSTRACT

**DEVELOPMENT OF PROJECT-BASED LEARNING DESIGN USING
GOOGLE CLASSROOM FOR MATERIAL ON THE USE AND
MAINTENANCE OF NATURAL RESOURCES**

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This research is motivated by teaching and learning activities by teachers and students which have been implemented with post-pandemic technology as well as the development of 21st century learning in the era of the industrial revolution 4.0. This made the Ministry of Education and Culture develop the Independent Learning Curriculum which changes the learning style to student centered and is suitable to be paired with project-based learning and LMS (Learning Management System)

The purpose of the research is to develop a project-based learning design using Google Classroom. It is hoped that the development of this design can improve student learning outcomes and develop independence according to the characteristics of project-based learning with an LMS (Learning Management System). The research was carried out using the R&D (Research and Development) method using the ADDIE type. The subjects of this research were 6 fourth grade elementary school students with the object of the research being learning design. Researchers collected research data using research instruments such as interviews, observations and questionnaires.

The research results are as follows. 1) The learning plan prepared using project-based learning syntax with Google Classroom for material on the use and maintenance of natural resources is carried out using the R&D (Research and Development) research method based on the steps in the ADDIE stage (Analyze, Design, Development, Implementation, Evaluation) . 2) The quality of the LMS (Learning Management System) using Google Classroom is based on the results of validity tests by 4 experts on a scale of 1 to 4, getting an average score of 3.29 in the very good category and there is no need to revise, but still make improvements according to the experts' suggestions.

Keywords: *Learning Management System, Project Based Learning, Social Science for Elementary School*