

ABSTRAK

PENGEMBANGAN MEDIA PEMBELAJARAN MODUL MATA PELAJARAN SISTEM UTILITAS BANGUNAN GEDUNG KOMPETENSI KEAHLIAN KONSTRUKSI GEDUNG SANITASI DAN PERAWATAN KELAS XI SEMESTER I DI SMK N 2 DEPOK

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ABSTRAK

Penelitian Tugas Akhir Skripsi ini bertujuan untuk: (1) mengetahui tahapan-tahapan pengembangan modul pembelajaran mata pelajaran Sistem Utilitas Bangunan Gedung untuk siswa kelas XI Kompetensi Keahlian Konstruksi Gedung Sanitasi dan Perawatan (KGSP) di SMK N 2 Depok, (2) mengetahui kelayakan modul pembelajaran Sistem Utilitas Bangunan Gedung untuk siswa kelas XI Kompetensi Keahlian Konstruksi Gedung Sanitasi dan Perawatan (KGSP) di SMK N 2 Depok.

Penelitian ini merupakan penelitian Research and Development (R&D) yang mengacu pada model pengembangan Thiagrajan yaitu *4D models*. Terdapat empat tahapan, yaitu (1) pendefinisian, (2) perancangan, (3) pengembangan, (4) penyebaran. Metode pengumpulan data menggunakan angket penilaian ahli dan analisis data dilakukan dengan analisis deskriptif kualitatif. Penelitian dan pengembangan ini dilaksanakan di SMK N 2 Depok pada Kompetensi Keahlian Konstruksi Gedung Sanitasi dan Perawatan (KGSP) Kelas XI.

Berdasarkan hasil penelitian diperoleh bahwa: (1) kelayakan aspek materi Modul Sistem Utilitas Bangunan Gedung mendapatkan hasil penilaian gabungan ahli materi dengan prosentase 73,3% dan masuk kategori “Layak.” Sedangkan kelayakan media Modul Sistem Utilitas Bangunan Gedung mendapatkan hasil penilaian ahli media dengan prosentase 94,87% dan masuk kategori “Sangat Layak.” (2) komponen yang harus diperhatikan untuk peningkatan kelayakan modul adalah meningkatkan evaluasi soal keningkat pemahaman siswa.

Kata kunci: *Pengembangan, Modul, Kelayakan*

**LEARNING MEDIA DEVELOPMENT OF BUILDING UTILITY SYSTEM
MODULE OF SANITATION AND MAINTENANCE BUILDING
CONSTRUCTION COMPETENCY FOR CLASS XI
1st SEMESTER IN SMK N 2 DEPOK**

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ABSTRACT

This study aims to: (1) find out the stages Learning Media Development Of Building Utility System Module of Sanitation and Maintenance Building Construction Competency for Class XI 1st semester in SMK N 2 Depok, (2) find out the module's feasibility of learning media development of Building Utility System module of Sanitation And Maintenance Building Construction Competency for class XI 1st semester in SMK N 2 Depok.

This study is a Research and Development (R&D) research that refers to the Thiagrajan development model, namely 4D models. There are four stages. The four stages are (1) define, (2) design, (3) development, and (4) disseminate. Data collection uses the expert judgment assesment. The data analysis technique uses qualitative descriptive analysis. This R&D research is done at Sanitation And Maintenance Building Construction Competency for for Class XI 1st semester in SMK N 2 Depok.

The results of this study show that: (1) the feasibility of the material aspects of the Building Utility System Module gets 73.3% in combined assessment of material experts and is categorized as "Feasible." While the media feasibility of the Building Utility System Module gets 94.87% in the media expert assessment and is categorized as "Very Feasible." (2) the component that must be considered for improving module feasibility is to improve the evaluation of questions to the student's understanding level.

Keyword: *Development, Module, Feasibility*