

INFORMATION SYSTEM FOR FIELD WORK PRACTICE AT SMK MUHAMMADIYAH I PALEMBANG USING EXTREME PROGRAMMING METHOD

ABSTRACT

Technology today has affected almost all aspects of life, one of which is the world of education. Vocational High Schools (SMK), which through Field Work Practice (PKL) activities create graduates who are ready to work in industry. One of the requirements for graduation in this PKL activity is to make a final PKL report. However, students often face challenges during the guidance of the PKL report. Some of them are difficulties in organizing schedules between internships and guidance, as well as the busyness of the supervising teacher. This research aims to create a field work practice management information system using Extreme Programming (XP) methodology. The result of this research is the application of extreme programming method can accelerate the process of making information systems.

Keywords: Field Work Practices, CodeIgniter, Extreme Programming, Blackbox Testing.

SISTEM INFORMASI PRAKTIK KERJA LAPANGAN PADA SMK MUHAMMADIYAH I PALEMBANG MENGUNAKAN METODE EXTREME PROGRAMMING

ABSTRAK

Teknologi saat ini telah mempengaruhi hampir seluruh aspek dalam kehidupan salah satunya dunia pendidikan. Sekolah Menengah Kejuruan (SMK), yang melalui kegiatan Praktek Kerja Lapangan (PKL) menciptakan lulusan yang siap untuk bekerja di industri. Salah satu syarat kelulusan dalam kegiatan PKL ini yaitu membuat laporan akhir PKL. Namun, seringkali siswa menghadapi tantangan selama melakukan bimbingan laporan PKL. Beberapa di antaranya adalah kesulitan mengatur jadwal antara magang dan bimbingan, serta kesibukan guru pembimbing. Penelitian ini bertujuan untuk membuat sistem informasi manajemen praktik kerja lapangan dengan menggunakan metodologi Extreme Programming (XP). Hasil dari penelitian ini penerapan metode extreme programming dapat mempercepat dalam proses pembuatan sistem informasi.

Kata kunci : Praktik Kerja Lapangan, CodeIgniter, Extreme Programming, Blackbox Testing