

ABSTRACT

Career Development Center (CDC) at Telkom University Surabaya plays an important role in helping students and alumni connect with the world of work by providing job vacancy information from various companies. However, the job search process still faces a number of obstacles, such as limited access to job vacancy information, understanding job requirements, and the absence of a structured system to support the recruitment process. These issues highlight the need for a website-based job portal information system that can provide access to job vacancy information, support the recruitment process, and help users understand the requirements set by companies. This study uses the Software Development Life Cycle (SDLC) method with a prototype approach because it offers flexibility to accommodate users' changing needs. Through this approach, developers and users communicate to ensure the system aligns with expected requirements. The website-based job portal information system was designed using the PHP programming language with the Laravel framework. System testing was conducted using two methods: Black Box Testing to ensure that each functionality operates according to user needs and User Acceptance Testing (UAT) to measure user satisfaction with the developed system. The implementation results show that all features are functioning properly according to the designed system workflow. Additionally, UAT results indicate a very high level of user acceptance, with a success rate of 82.7% for alumni, 100% for partners, and 86.19% for administrators. With this job portal information system, CDC is expected to provide a structured and effective solution to address challenges in job search and recruitment processes.

Keywords: Information Systems, Job portal, Prototype Method, Black Box Testing, User Acceptance Testing, Framework Laravel