

ABSTRACT

In the current digital era, the search for information regarding freelance (occasional) job vacancies remains limited, despite an increasing demand, particularly for physical or onsite work. Many existing job-search platforms lack a detailed management system for freelance job handling, causing inefficiencies in task execution, verification, and payment processes. Therefore, a comprehensive management system integrated into freelance job search applications is required. This system should encompass job verification by employers, task reporting, and payment mechanisms. The scope of this system specifically covers daily freelance job management, including the payment processes for completed tasks. The solution aims to enhance the efficiency and transparency of work processes for both parties involved

The system was developed using an Agile approach, specifically employing the Scrum model to ensure flexibility and continuous iteration throughout the development process. Core functionalities, such as job management, task reporting, and payment integration, were consolidated into a single Laravel-based application. The technology employed fully relies on Laravel as the framework and MySQL as the database.

The research findings indicated that the system was successfully implemented with a 100% success rate in blackbox testing, covering 64 test cases encompassing all application functionalities. Blackbox testing during each sprint validated that all functional requirements, including job management, user rating systems, and payment gateway integration, were effectively implemented and performed according to test scenarios. The user experience evaluation involving 37 respondents utilizing the User Experience Questionnaire (UEQ) indicated that the application was perceived as innovative and functional. The Novelty aspect received a score of 1.32 (Good), while Perspicuity and Efficiency achieved above-average scores of 1.34 and 1.14, respectively. Furthermore, the Scrum methodology implemented across four sprints successfully completed 100% of the Product Backlog Items according to their priorities and estimated timelines. The burndown chart for each sprint closely followed the ideal trajectory, indicating that the team effectively managed mid-sprint obstacles and accelerated task completion towards the sprint's conclusion. Sprint Reviews confirmed that core features—such as job management, task reporting, user rating, and payment gateway integration—functioned as planned, while Sprint Retrospectives fostered continuous improvement within the team. Consequently, the application of Scrum proved effective in

enhancing efficiency, collaboration, and sustainable development, comprehensively addressing all functional requirements.

Keywords: *Task management, Agile method, Payment systems, Digital Transformation, Laravel Framework.*