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Improving Work Ethics Among Skilled Construction Workers Using Web-Based Systems

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Abstract

The construction industry suffers from many unethical practices which lead to quality problems in the sector. With many clients dissatisfied with the workmanship of skilled labor, the study developed a web-based system to improve work ethics among skilled construction workers. The framework was developed using use case and system block diagram. In this study, HTML, CSS, MySQL and Java programming language were used in the design of the web-based system. The result was presented using screenshot. The designed interface includes the registration page, make request, make payment and rate the level of workmanship. With the introduction of the payment platform and rating system for skilled laborers, the work ethics is intended to be improved. This web-based system can be deployed by skilled labor outsourcing firms to enhance the work ethics of their skilled labor workers.

Keywords

Construction industry Skilled labour Rating systems Web-based system Work ethics

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Notes

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