

Construction Worker Hiring management System

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Abstract: *The Integrated Construction Management System (ICMS) is a sophisticated web-based application developed to optimize the management processes associated with construction projects. Leveraging a technology stack that includes HTML, CSS, Bootstrap, PHP, and MySQL, this system aims to streamline communication, collaboration, and resource management within construction teams, ultimately contributing to the successful and efficient completion of projects. One of the primary features of ICMS is its robust user authentication and authorization system. The application implements a secure login mechanism that authenticates users while assigning distinct access levels based on their roles within the construction project. This ensures that project managers, architects, engineers, and other stakeholders have tailored access to relevant information and functionalities. The project dashboard serves as a centralized hub, providing a comprehensive overview of the project's status, milestones, and critical updates. Through real-time tracking of project progress, ICMS facilitates effective decision-making by offering stakeholders immediate insights into the current state of affairs. This dynamic approach extends to task and resource management, where tasks can be created, assigned, and tracked in real time, ensuring optimal workforce utilization.*

Keywords: Construction management, Worker Hiring, ICMS, HTML, MySQL