ABSTRACT

DESIGN AND DEVELOPMENT OF PRESENCE WEB FOR INTERNS AT PT. UNITED TRACTORS TBK

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The internship attendance recording at PT United Tractors Tbk, which operates in the construction heavy equipment distribution sector, still relies on manual forms and a time stamp application that is inefficient. To address this, a web-based attendance information system was developed at UT CorpU, an institution focused on competency and leadership development, using the waterfall method, which allows each software development phase to be completed sequentially and systematically. Each phase in the waterfall model focuses on solving one problem before proceeding to the next, ensuring that each step in the development process is applied accurately and structured. The system is equipped with features such as automatic attendance with selfies and GPS, attendance validation, and real-time report recapitulation. System testing using black box testing ensures that the system functions as intended. Implementation has shown improvements in efficiency and accuracy, while User Acceptance Testing (UAT) received positive feedback from interns and management. This system supports digitalization of human resources management and more effective and efficient internship attendance tracking.

Keywords: internship, attendance, information system, waterfall, web.
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