

Network-Based Payroll System for Tribuilt Enterprises with Biometrics Technology

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ABSTRACT

The network-based payroll system with biometrics technology is developed for Tribuilt Enterprises to enhance the company's payroll process with the help of a computer system since the company's current process is manual. This study is expected to improve the company's capabilities in terms of technology and give different advantages to the company such as secured attendance because of biometrics technology, automated and secure records because only authorized personnel are allowed to access the system, and easy generation of reports.

The system was developed using VB.net as the programming language, Microsoft Visual Studio 2008 as the compiler, and Microsoft Access 2007 as the database server. The fingerprint scanner used by the proponents is the digital persona one touch sdk. The system's main features are the secure recording of daily time record where employees log using their fingerprint in the biometrics, prompt and accurate payroll computation, and accurate generation of payslips and reports. The study is expected to be very helpful not only for the company and the proponents but for future researchers who are planning to develop a similar system.

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