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ANALYSIS AND DESIGN OF PT INTI CITRA SEKAWAN
SUPPORT SYSTEM

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Abstract

PT. Inti Citra Sekawan is in undergarment business and most of its customers are from abroad. Currently, the company is often having problem with its support system where it is sometimes may cause additional problems to the main activity of the company. Based on the study research, this company support system is mostly handled by paper based and manual computer system (computer basic usage such as typing, saving, printing). Actually the company owns so many facilities that are potential to have better system but they did not created until now. In order to make the system betterment, the study tried to create a system improvement which is going to involve security system, database for the employees' data and salary, networking system, and accounting system.

In order to come into my proposed solution, the study tried to identify and analyze the current problems which is often and possible to be happened in the support system. Next, the study tried to gather more information from the stakeholders continued by combining and analyzing the actual current condition. As the methodologies, the study is using the activity diagram, DFD, and ERD to explain about the current and new proposed system. Besides that to provide clearer interaction between the users and the new system the study is using use case diagram and interface design.

This improvement will create betterment for the company support system because it will maximize the usage of current facility which is owned by the company and provide better security that will reduce the risk of additional problems that might be happened.

Keywords

System Analysis and Design, Activity Diagram, Data Flow Diagram, Entity Relationship Diagram, Use case diagram, and Use case scenario.

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