

UNIVERSITAS INTERNASIONAL BATAM

Practical work
Electrical Engineering Study Program
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INVENTORY PROGRAM DESIGN WITH BARCODE IN PT. ASIA PANELINDO ELEKTRIKA

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ABSTRACT

PT. Asia Panelindo Elekrika provides installation services, maintenances and distributors of CCTV as well as LED lights. There are tremendous amount of inventory stock of goods that are in the warehouse but the arrangement and data collection is still negligible. In stock taking, there is always a disparity between the amount of goods in the system that is being used and the goods in the warehouse. This happens possibly because there are repeatedly errors in the program system or an error occurs when warehouse data collection was conducted.

In an effort to overcome this problem, a program is designed that can save data with barcode. This program provides barcode facility where only a barcode scan can find items in the program and can immediately change the amount as when on a sale or ready stock addition. This program reduced errors occurred when data collection of goods performed.

After getting the test results, the writer concluded that the designed program has been able to process inventory of the warehouse stock well and the time to search for stock data is almost 2 times faster when compared to the previous program.

Keywords: Program, Stock warehouse, Barcode, CCTV, LED