ABSTRACT

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DESIGN OF WEB-BASED ELECTRIC INVENTORY APPLICATION AT PT SENAYAN TRIKARYA SEMPANA

This report describes the development of a web-based inventory management application by a Practicum participant at PT Senayan Trikarya Sempana, specifically within the Electrical Division. The application is designed to clearly monitor the inflow and outflow of goods, particularly for lamps, MCBs, cables, and lamp ballasts. With the implementation of this system, the company can efficiently monitor inventory, identify items nearing depletion, and respond to stock needs in a timely manner. The main advantage of this application lies in its ability to provide real-time data, giving the Electrical Division accurate and prompt information about its stock status.

The application utilizes a MySQL database and Bootstrap 4 framework to ensure a responsive and user-friendly interface. This report discusses the development steps of the application, the key features implemented, and its positive impact on the efficiency and productivity of the Electrical Division at PT Senayan Trikarya Sempana. The implementation of this web-based application proves to be an effective tool in enhancing inventory management, providing real-time information, and supporting better decision-making in day-to-day operations.

Keywords: MySQL Database, Bootstrap 4, Electrical Division, Electric Inventory, Stock Monitoring, Inflow and Outflow of Stock.