

ABSTRACT

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PT. WAHANA DIRGANTARA SERVER ROOM TEMPERATURE MONITORING WEBSITE USING NOVUS FIELDLOGGER

PT Wahana Dirgantara provides warehousing services which include transit warehouses and logistics integrator warehouses. Practitioners carry out Profesion Work activities (KP) from September 1 to November 1 and are placed as Web Developers. During carrying out this activity, the Practitioner received the task of overcoming challenges in monitoring temperature on the PT Wahana Dirgantara Server, which relies on the camera and Notepad on the PC manually. This manual monitoring process is cumbersome and inconvenient for administrators who are too busy to physically to inspect the server room. That's why a website powered by Data logger NOVUS FieldLogger 8812120004 or "Novus FieldLogger" was created that allows administrators to monitor temperatures in real-time to prevent overheating, server failure, and loss. data. The website was created using PHP and JavaScript code by extracting data from the notepad generated "Novus FieldLogger" to the website using the fopen() function and using Javascript to generate the code needed to create the "Date" and "Time" in real-time. After going through several trials and improvements, the website can display the server temperature correctly so that administrators can monitor and manage server temperature effectively.

Keywords: *Temperature, Real-Time, PHP, Server, Novus FieldLogger.*