

## ABSTRACT

*PT Neural Technologies Indonesia offers top solutions for various industries, including telecommunications, healthcare, and mining, with a focus on IT Solution, Digital Transformation, Continuous Transformation, JustClick ERP, Business Intelligence, and Power Supply. Managing and monitoring server performance is crucial to ensure reliable and efficient services. As network complexity increases, effective server monitoring is necessary to promptly address issues. The goal of developing the monitoring dashboard is to design a system that aligns with agreed-upon features, using Bootstrap and Django as foundational tools.*

*The project aims to design and implement a comprehensive server monitoring dashboard. The user registration feature ensures that only registered users can access the system, thereby enhancing security and control. The logging feature tracks server activities and events, providing deep insights into server performance and aiding in issue diagnosis. The alerting feature enables real-time notifications for anomalies or issues, facilitating quick actions to minimize downtime and operational disruptions.*

*The project successfully implemented alerting to ensure real-time detection and notification of server anomalies or issues, enabling swift responses to minimize downtime and operational disruptions. Logging has also been implemented to track all server activities and events, providing detailed records that support performance analysis and issue diagnosis. Additionally, the user registration feature has been successfully deployed to ensure that only authorized users can access the system, enhancing overall access control and security. With the integration of these features, the server monitoring system not only effectively collects and visualizes data but also proactively detects issues, tracks activities, and enhances access security.*

**eywords: server monitoring, real time, features**