ABSTRACT

In the ever-evolving digital age, monitoring website activity has become an undeniable necessity. Monitoring not only makes it possible to measure the performance and effectiveness of a website, but also plays a crucial role in ensuring User security and privacy as it allows the identification of potential dishonesty, such as data manipulation or misuse of information.

The application of the Bootstrap Framework as a front end in the context of monitoring the watering of grape vines on the rooftop of Selaru Building through a web-based application. With a focus on improving efficiency in monitoring, as well as creating a platform that facilitates access to information updates on Articles About grape plants, including types of plant species and grape plant diseases. This project can provide information to investors regarding financial reports and investment traffic through the dashboard built. Thus, the integration of Bootstrap Framework in website development can provide significant benefits in creating the display on the main dashboard.

The designed website is able to display real-time information about temperature, humidity, soil moisture, the status of mist and drip watering systems and their cumulative totals in the greenhouse on the rooftop of Selaru Building. This website presents complete information about the greenhouse and provides a main dashboard that displays investment traffic and financial reports, including profit and loss, making it easier for relevant parties to monitor and manage the system transparently.

Keywords: Framework Bootsrap, Grapevines, Website.