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**ABSTRACT**

This system constructs a university campus intranet. The intranet will be built through a network trainer board. There are two sites with four areas such as sever area, CCTV area, Classroom area and Monitoring area in this system. This intranet can develop communication, information sharing, and collaboration on the university campus. In this system, the important roles of monitoring are mentioned. Monitoring plays a crucial role in the effectiveness of Smart Campus Infrastructure that operates efficiently and securely. In this project, we use Zabbix, an open-source monitoring tool. Administrators can continuously track the performance of various campus infrastructure components, such as networks, servers and security systems. Zabbix also provides real-time data on system health, helps identify potential issues before they become critical, and ensures optimal resource utilization. With automated alerts and customizable dashboards, Zabbix enhances the overall management and maintenance of smart campus operations, improving reliability and user experience. Therefore, students can learn networking and monitoring concepts easily. This system also provides the necessary services such as Internet Service, Monitoring Service, Web Hosting Service, Domain Name System (DNS) Service, and Dynamic Host Configuration Protocol (DHCP) Service for the university.

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