DESIGN OF THE "SI SUPPI" PROTOTYPE: A WEB-BASED SYSTEM FOR SUPERVISING THE INFECTION PREVENTION AND CONTROL (IPC) TEAM USING A ROUTINE SUPERVISION CHECKLIST IN HOSPITALS

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SUMMARY

***Background**: The high rate of nosocomial infections in Indonesia and the still-low level of digital maturity among healthcare facilities highlight the need for innovation in the implementation of infection prevention and control (IPC) programs. **Objective**: This study aims to develop a digital prototype website for the Infection Prevention and Control (IPC) Team Supervision, equipped with a routine supervision checklist to support the monitoring, documentation, and evaluation of the implementation of the Infection Prevention and Control (IPC) program in hospitals, making the process more structured, well-documented, and user-friendly. **Methods**: A prototype website for the Infection Prevention and Control (IPC) team supervision, complete with routine supervision checklists, was developed using the Figma application. **Results**: The output is a prototype named the Infection Prevention and Control Supervision Information System (SI SuPPI), which has been pilot-tested with the IPC Committee at PKU Muhammadiyah Karanganyar Hospital. **Conclusion**: Overall, this prototype can be developed into an alternative digital solution to replace manual record-keeping systems, thereby improving efficiency and data accuracy, as well as supporting hospital digitization and accreditation.*

Keywords**: Checklist, Digital Transformation, IPC, Supervision, Website**.