ABSTRACT

DEVELOPMENT OF HAND-OVER SHIFT WEB-BASED APPLICATION SYSTEM FOR DATA CENTER OPERATION MONITORING

Syamsul Darmaji[1], Rufman Iman Akbar, IPM[2], Chaerul Anwar, S.Kom., MTI[2]

[1] Student of Information System Departement, Universitas Pembangunan Jaya
[2] Lecturer of Information System Departement, Universitas Pembangunan Jaya

The development of information systems is currently so rapid, this has implications for the increasing need for Pusat Data (Data Center). To support the advancement of information technology, special attention is needed to the Data Center room by carrying out continuous monitoring activities (continuous operation) by officers who work in shifts to find out the current condition of Data Center equipment or infrastructure that is operating 24 hours 7 days a week. (based 24/7). Important information is always communicated between these shifts to ensure safe and effective continuity of work so that they can see the current status, make the right decisions and the appropriate initial action required. This makes shift hand-over a very important activity because it is one of the communication events that has the potential to pose a significant risk. Poor shift hand-overs can be a contributor to accidents or failures. Therefore effective shift communication arrangements must be in place to ensure the safe continuation of operations. From these problems, the authors conducted research and developed a hand-over shift application. In this study, the author uses the RAD (Rapid Application Development) method with UML (Unified Modeling Language) as the development tools. The results of this study are to produce a hand-over shift application system that can help shift officers have clearer visibility of the status of infrastructure devices in a task shifting condition through an application and provide convenience to view history or tracking of the status of each Data Center infrastructure device because it is documented well.

Keywords*: Information System, Data Center, Hand-over shift.*

Libraries   : 16
Publication Years   : 2012 - 2022