ABSTRACT

Development of Features Lapor-Mak Mobile-apps that are Integrated on Web-based Dashboard Applications

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The work pattern at office operations in the COVID-19 pandemic situation has resulted a new work resolution pattern as known as WFO (Working From Office) and WFH (Working From Home). Security function supervisory follows the requirement of these conditions liked monitoring employees who work in the office by checking work permits and writing on log book, monitoring the results of body temperature checks and conducting contact tracing when an employee is identified or exposed to the corona virus. The presence of the Lapor-MAK Mobile-apps aims to assist security officers in generating fast reports regarding security activities during the Covid-19 pandemic situation which has changed employee work patterns to a shift work pattern as known as WFO and WFH. Information systems that have been operating previously require to development that adapts to circumstances so that applications can work optimally in assisting the operational function of security in providing fast, practical and reliable information. The data that has been processed by the Mobile-apps has integrated into a dashboard page display which can be accessed online on the website so as to be able to provide a concise and brief report to the middle-level management workforce to be used as a reference in directing the company's operations in the WFO and WFH work patterns. Research on the development of mobile-apps and integrated on dashboard application are develop approach RAD (Rapid Application Development) method which through in four stages, (1) analyzing system requirements, (2) making prototypes, (3) testing systems and (4) implementation. Research on the development of features Lapor-Mak mobile-apps that are integrated with web-based dashboard applications are able to provide an overview about information system technology developments that are continuously updated to support security functions during the COVID-19 pandemic.

Keywords   *: Mobile-apps, Covid-19 Monitoring System, Dashboard Application.*

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