

ABSTRACT

Development Of The Clicky Application To Improve Productivity At PT IRS

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The development of information systems affects various fields, one of which is the telecommunications industry that has now reached the fifth generation (5G). The implementation of 5G networks, which involve integrating with existing 4G networks, requires additional configurations, including relations configuration. The advancement of telecommunications technology, which demands consistent configurations based on customer requirements, must be complemented by efficiency in creating these configurations. Avoiding errors and delays in configuration creation, stemming from the intricacies of the process and human errors, is crucial to uphold network functionality. Observation is conducted to enhance an existing application at PT IRS. The emphasis in developing the application lies in generating relationship configuration scripts from 4G to 5G to prevent or minimize errors and the time-consuming aspects of this process. Employing the System Development Life Cycle (SDLC) method and utilizing Unified Modeling Language (UML) as a system design tool characterize this application development. The ultimate goal is to support the operational team in the creation of configurations.

Keywords: *information system, SDLC, UML, telecommunication*

Libraries: 20

Publication Years: 2008-2023