

ABSTRACT

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FUNCTION CREATION FOR RELATION CONFIGURATION FROM 4G TO 5G IN PT IRS

The functionality of a system is largely determined by the parameters and values used. However, determining the value is very complicated and requires understanding using mathematical logic. Furthermore, system development should be supported by changes in business processes so it can be in line with requirement. Information systems can provide a large role in various domain of work including telecommunications. The development of telecommunications technology up to the fifth generation (5G) must also be integrated with previous generation technologies such as 2G, 3G and 4G. Making the Relation configuration from 4G to 5G is one model of system integration that is needed. Although, with all conditions (logic) in determining the value in the configuration, it requires a deep understanding of the configuration requirements set by the telecommunications operator. Failed determine parameter values not only cause problem in the system, it caused system failure. Making functions in the configuration of relations from 4G to 5G in carrying out professional work is one of the best practices for information systems students in applying the knowledge they learned. So the objectives of the learning process will be in line with work requirement.

Keywords: *information system, business process, function, telecommunication*