ABSTRACT

Technology today is a necessity to support work in order to facilitate the work of workers in a company. One of the companies in Indonesia is PT Indonesia Comnets Plus (ICON+). However, in line with the industry's need for telecommunications networks with a consistent level of availability and reliability, ICON+ is developing its business by channeling the excess capacity of the fiber optic electricity telecommunications network owned by PT PLN (Persero). Iconnet is a fiber optic network-based internet service product. Iconnet also has high speed and uses the latest fiber optic technology that is reliable and stable, designed specifically for retail and residential areas. The case study on this Iconnet service is that the information system is less efficient because it still uses manual methods for data collection and processing for network development on Iconnet.

To overcome this problem, the author created an information system for the construction of an Iconnet service internet network at PT ICON+ West Java Regional. The system designed in the Final Project aims to facilitate data collection and processing for network development on Iconnet. In creating an information system, a website uses the PHP programming language using the laravel framework. Php programming language is used because the PHP system is easily integrated with databases and companies use many features that use databse. Whereas laravel is used because the use of laravel is more structured.

The result of this Final Project is that a website-based Iconnet information system has been created. The website that was created was successfully run properly after testing the functionality and testing of the database. The website can be used well by admins and all available features can be accessed well by admins.

Keywords: *Website*, Information System, Iconnet
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