

ABSTRACT

Increasingly fast technology makes the number of users of Fiber To The Home technology more and along with it then the inventory of data needed Need to be more efficient and effective, therefore it is necessary to study and analyze the application of QR Code technology for data inventory and synchronize data between Optical Distribution Point (ODP) devices with the main server PT. Telekomunikasi Indonesia.

At the moment the inventory data used by PT. Telekomunikasi Indonesia still performs the data inventory process by manually. The manual inventory of data in question is where it still uses social media as a medium for data storage So it is difficult to do detailed supervision and control. Therefore, in this final task, designed a system to answer the problem using QR Code technology Which is applied in Optical Distribution Point (ODP) and will be scanned via smartphone which can then be used to view customer data In Optical Distribution Point (ODP) devices to facilitate technicians when checking customer data.

In the making, the authors will use QR Code technology the use of QR Code is expected to answer the problems that occur. With this QR Code technician no longer need to view customer data in manual way on the device, So with this technology the technician can check directly the customer data on the device using the smartphone by means of scanning Device that has QR Code installed.

Keywords: Fiber To The Home, Optical Distribution Point, QR Code