

APLIKASI NEURABOT SEBAGAI SARANA DIGITALISASI DAN TRANSMISI DATA DARI MICROSCANNER DAN SERVER (CLOUD) (STUDI KASUS : PT. NEURA INTEGRASI SOLUSI)

Rozzaq Amirrulloh Tohary

*Program Studi Teknik Komputer, Fakultas Sains dan teknologi
Universitas Teknologi Yogyakarta
Jl. Ringroad Utara Jombor Sleman Yogyakarta
E-mail : rozzaqtohal2@gmail.com*

ABSTRAK

The development in science and medic nowadays is very advanced. One of them is a microscope often used to look at a small object such as bacteria, virus, amoeba, et cetera. A microscope is an optical instrument used to observe micro-sized objects. This tool is widely used for educational institutions and government laboratories or private laboratories. The microscope that we generally know is a conventional microscope. Conventional microscopes still have many shortcomings, especially in how to observe an object. Since the technology is more advanced, especially in the field of electronics, this digital microscope was developed to facilitate the automation of equipment with computers. In this case, there is an automatic micro scanner with software to digitize and transmit micro scanners and servers to overcome these challenges. Because it is considered to process microscopic image data much more efficiently and precisely and provide flexible solutions that can be applied in research activities, education, drug development, diagnostic process (as an expert support system), and other image data processing.

Keywords: Image data processing, WEB API, Micro scanner.