

ABSTRACT

Development of the interface as a mechanical control tool is needed, especially for controlling mechanical tools in industrial activities and warehousing. Generally, large companies engaged in the industry have a very complex mechanical system, so it will require a lot of buttons to control and space to store the mechanical control device. So in this final project, will be designed an application that can help to facilitate the control of mechanical devices, and minimize the need for control room. This application can work manually and send data serial to microcontroller that will execute certain command like take, save, or move according to source code from command. This application uses basic Visual Basic 6 applications that send data serially using WiFi media with NodeMCU hardware connected to microcontroller.

Keywords: system, interface, ESP8266, Visual Basic.