ABSTRACT

The development of technology, especially the internet, plays a very important role in everyday life. In this modern era the need for the internet has become the main thing for most people. The restaurant is a very profitable micro-enterprise. This has an impact on the restaurant's business to think more creatively in creating a concept that is different from other restaurants. The improvement of restaurant owner facilities is carried out in terms of providing free internet access such as hotspots to attract consumers to eat and relax to spend their free time. By utilizing a Mini PC as a remote controller through programming bahahsa, it makes it more efficient. In this study, it used a Mini PC Raspberry Pi 3 model b which has a GPIO (general Purpose input output) feature which functions as ports that send commands according to instructions or according to the program created. In this study, we used an experiment of 1000 and 500 coins with a total of 30 coins to conduct an experiment on sensors on acceptor coins. Looking for the amount of time and bandwidth that will be obtained by the user. In this experiment, judging from the time and bandwidth obtained, the 1000 coin has a time of 10 minutes perkoin while the 500 coin has a time of 5 minutes perkoin, in this comparison it has the same bandwidth of 1,024mbps. The time and amount of bandwidth can only be set by the admin as the user only gets what has been set by the admin.

Keywords: **Koin** *wifi,* **Raspberr pi 3,** **Koin** *money, Restaurant*