

ABSTRACT

Information has become a necessity for everyone, especially in the modern era like now. Already many facilities that use the Internet to make it easier to find information from around the world, for example ICT Center. But ICT Center that already exist are mostly located in urban areas so it makes the people in the rural areas, especially who work as farmers or merchants are difficult for using it.

In this final project will design and implementation of an information center that can be used by people, especially who work as farmers or merchants to looking for a suitable price information for their crops. In this designing using raspberry-pi which is connected to a 3G network to access information from web sources. Raspberry-pi serves as an interface for displaying web-based content.

The result of this design and implementation is a mini ict center that can display information about the price of agricultural products with 0% packet loss when accessed by less than 40 users and more than 9.5% when accessed by more than 40 users.

Keywords: Raspberry-pi, ict center, 3G network