

ABSTRACT

The information center in a residential house plans is needed. Appropriate information is helpful to facilitate the public find house plans that will be addressed diperumahan. One problem that often happens is that people are still confused to find its purpose as blocks and houses, block looks the same, the same shape of the house and others. Sometimes asked security officers be an option for the Community to find a home goal. However, ask the security task is still often confuse the public to find the block and house plans that will be addressed such as, shows blocks that are not clear, the form of the same house and others. Submission of information on house plans that precisely and accurately can be an important point for the community. People can easily find out the block and house plans that will be addressed.

At this final project has made design and product information center based diperumahan house plans raspberry-pi. This product uses a raspberry-pi for cpu processing center instead of a PC to the system settings and use raspbian as the operating system, the web server as a medium that displays a picture of house plans that the results will be displayed on an LCD TV is installed in a residential room security station.

The final result of this final project was to determine the performance of raspberry pi and develop it has produced and implemented a plan of housing product information center. By displaying the image block plan, track, and simple product that can help security officers and the public to find the block and house plans that will be headed.

Keywords: Raspberry-pi, raspbian, operating system, web server, floor plans, cluster, lcd monitor.