

ABSTRACT

Accurate information on the zoo is needed. Most appropriate information can help community to know various information in the zoo, but information systems that have been made today are still individually with access by gadgets or cell phone, and information is still in less interactive with the media information board as media access, so public accessed system should be made.

From the problem above, it has been created an information systems Bandung city zoo based on mini PC with raspberry pi as a media server dan as a substitute for pc to manage system and use raspbian as operating system, the following digital view as the results will be displayed on TV LCD. In this final project, has created a system in raspberry pi that can inform various information about Bandung city zoo.

By the implementation of media center in Bandung city zoo that has been tested for 8 hours nonstop that can be automatically play the video which contains information about the animals, the facilities, as well as original video some of animals at Bandung city zoo, Ability of RAM system is 636 316 KB from RAM maximum ability 883 148 KB, from the test obtained qualitative data 26 respondents with the results of 69 % people feel that system is very useful, and 31 % beneficial. Thus this equipment in accordance with planned initially.

Keywords: *Raspberry-pi, Raspbian, operating system, LCD TV, PC*