

**ANALYZING SYSTEM ON VIP ROOM FOR PUBLIC HOSPITAL
OF ARIFIN ACHMAD PEKANBARU**

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ABSTRACT

A hospital is public place that's used to serve people demand on the healthiness. The patience's room is a part of a hospital. A hospital will know as a great satisfaction and comfortable hospital, if the patience's room gave it to the consumers. To maintain the consumer's satisfaction and comfortable, the patience's room need to maintain it periodically and continuously. Therefore evaluation need to check the patience's room condition, which used to support the hospital management whether a patience's room appropriate enough to be rent by the consumers or not.

The growth of information technology can advance the performance and allow all of activities done quickly and properly inspired the researcher to develop a computer based system which will used to evaluate the patience's room condition. Method to evaluate condition which used is Uzarski methods (1997).. System which named by RoCAS (Room Condition Analysis System), perhaps can help the hospital management in making decision and give priority of rooms maintenance based on end value and type of rooms. This research experimented at Arifin Achmad Hospital in Pekanbaru Riau

From analysis with four rooms which different type, gets condition index for Royal VIP room, Super VIP room, VVIP room and VIP room are respectively 92.56%; 86.73%; 87.09%; 91.25%. To set the maintenance priority of it, the conditions index are multiplied with the balance priority value which gets from analysis of researcher that Royal VIP room have the balance priority value more than others room because have range tolerance condition between 100% to 85%, Super VIP room have range tolerance condition between 100% to 75%, VVIP room have range tolerance condition between 100% to 65%, VIP room have range tolerance condition between 100% to 55%. This range knows as different of it, because Royal VIP room has priority more than VIP room. After all calculation, gets the first priority of maintenance is Royal VIP room, then Super VIP room, then VVIP room and the last is VIP room. Whatever, the condition index of Royal VIP room more than the condition index of Super VIP room, because Royal VIP room has more priority.

Keywords: analysis, condition index, room.

