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Yakin dan yakinlah,

Pasti kita bisa.

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ABSTRACT

Farm is one of the biggest job fields in Indonesia. However, the breeder attentions towards the cattle disease are less due to the lack of knowledge of the breeder and also the minimum number of veterinarian in an area. Those things cause a decline in income or the growth of cattle. Therefore, the breeder needs a system to notice them about the type of illness suffered by the cattle and what kind of treatment should they give to that cattle. The system in some of farm-business area, there is investors who have assets to build the farm and there are also workers who manage the farm. The investor need to know the progress about the farm managed by the workers quickly. Therefore, they need a system that can monitor the growth of cattle and the circumstances of the farm.

This expert system is designed to diagnosed the diseases that suffered by the cattle and also the right treatment to be apply. While the monitoring system can be used by the workers to input the data about the growth of cattle, the death, and also the cause of the death. On the investor side, they can see all the information according the cattle growth quickly.

The result of this study is a mobile application of expert system and treatment of quail farm and monitoring system that can be used by both of workers and investor which the system itself run on a smartphone with Android OS. The acuracy of this expert system is 80,95 % and the monitoring system can be used to see the growth and death of the quail using the chart that easily used.

Keyword : expert system, quail farm, Android, monitoring