

ABSTRACT

In the world of livestock, eggs are considered to be used as seeds and marketed. Special attention is needed without neglecting its effectiveness and economic side.

The conclusion is, possible to be realized if we add one more factor, namely the engine. With the Duck Egg Embryo Detection Application that uses image processing methods and is integrated with an Android system, this tool can distinguish between fertilized eggs and eggs that have been damaged. This image will then be processed by imaging software to distinguish between fertilized, empty or damaged eggs.

The methodology used on this application use the waterfall method. This application is built using the Java programming language. With this application built, it can be concluded that this application can solve problems.

Keywords : Duck egg, Mobile Application, Artificial intelligence