

ABSTRACT

**ANDROID BASED COFFEE SALES INFORMATION
SYSTEM USING THE AGILE METHOD**

Arranged By:

Maulana Chabibullah

19102160

The agricultural sector has an important role in efforts to support the Indonesian economy because many groups of people are disadvantaged, especially farmers, namely low selling prices because the distribution chain of agricultural products is quite long to consumers (many parties are involved, for example, from farmers to middlemen to traders to consumers). must be repaired, so that Indonesian agricultural products can be distributed directly to consumers. One of the efforts that needs to be done is to build an e-commerce based trading system in agriculture. The e-commerce-based trading system is used as an alternative for farmers, namely as a media for promotion, communication and inFormation and can cut the distribution chain of marketing of agricultural products. To create e-commerce I use the Agile scrum method, which is a system development method that is often used because it has high productivity. Another agricultural problem in Mendolo Kulon Village is that the process of selling agricultural products is still manual, where farmers sell their crops to intermediaries (tengulaks) who are then brought to the market and resold to consumers. And the purpose of this research is to produce an Android-based coffee sales inFormation system to help farmers sell their agricultural products directly by paying attention to the level of user acceptance so that the system built is in accordance with user needs. consumers to make transactions easier. The method used in this study uses AGILE for the first steps in conducting this research, namely identifying problems with observation and interviews with inFormants. Where the problem raised in this study is the problem of sales in the agricultural sector which is still traditional which is less effective and efficient. Because the sales process is still done manually by farmers, it requires a lot of time and effort. In addition, sales in the agricultural sector are traditionally prone to spoilage in plants, especially coffee, cassava, bengkoang because when stored for too long it will cause mold to appear, then the application of the AGILE method where in the AGILE method there are the following steps Product backlog, sprint backlog, sprint planning, sprint design, development testing, realese, final product, preparation of reports.

Keywords : *E-commerce, Agile, agriculture, Android*