

## **ABSTRACT**

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*Provision of stock items in Pusaka Tani's store still done manually or in a certain period, so that this process takes quite a long time. This final project aims to create an application supporting decision-making provision of agricultural tools and drug stockpiles in Pusaka Tani's store. The stages are requirements analysis, system design, writing code, testing and implementation. A decision support system which built using genetic algorithms methods. From the results of analysis in determining the fitness value depends on three variables that have been set that is the amount of profit, the durability and the level of sales an item. This application made using php with Mysql database and using black box testing. Expected by the existence of these application can assist the owner in determining the provision of agricultural tools and drug stocks with the most optimum benefits. where goods in prepared by the owner in accordance with goods need by consumers.*

*Keywords: Application, PHP, Mysql, Genetic Algorithms.*