

***DESIGN AND DEVELOPMENT OF A MOBILE BASED RICE  
DEPOSIT APPLICATION AT JAYA BAKTI MILLING***

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***ABSTRACT***

*The transaction system carried out at the Jaya Bakti rice mill is still carried out using calculator calculations and notes, where the rice depositor who has become a member will come to make a deposit which goes through the stages of unloading the rice, selecting wet and dry rice until administration, and the mill owner will record it on a books and managing them into transaction reports. Based on these problems, a mobile-based rice depositor application was built which can serve rice depositors from member registration to the administration process quickly and precisely. Apart from that, it will be easier for mill owners to manage transaction reports because the data will be automatically recorded in the system. This rice deposit application was built using object-oriented modeling, namely ERD (Entity Relationship Diagram) and data flow diagrams. This system can help the owner of the Jaya Bakti rice mill in collecting data and processing rice deposit transactions.*

***Keywords:*** *Application, Mobile, Cashier, Transaction, Deposit.*