

## ABSTRACT

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*Money saving is an activity that is often carried out by individuals in saving some of their allowance. Money savings itself can be done by various groups, especially in children's. Many school children spend their allowance to buy things that are temporary, such as buying toys that are sold in front of their school or unhealthy snacks. Even for gaming in a internet cafe or PlayStation rental, to make children aware that saving is important for their future, guidance from parents is needed to teach their children to save some of their allowance. One tool that can help parents guide their children to saving money is Smart Money Safe. Smart Money Safe is a smart piggy bank that can determine each nominal money saved and its total. Even this tool can connect to wifi to provide a notification in the form of nominal value and total to the email.*

*Keywords: Colour Sensor, Arduino, IoT (Internet of Things), Email, Money Saving.*