

Digital Piggibank

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Abstract: *Digital piggybank is already very popular and it is modern take on the old traditional method. It offers Financial Education , we think it's an small issue but being financially educated is very important and it's better if financial education is learn in young age. The things that are learned in childhood stays forever. Digital piggybank often comes with robust security features, protecting user's fund. Users can easily monitor their saving progress, set goals, and visualize their financial growth. In order to track savings, we need a switch that tracks the information of the coins that are inserted into the piggybank and can be seen on the display of Arduino. We expect the system to track the money saved.*

Keywords: Arduino, Piggybank, Digital, Savings, Portable

I. INTRODUCTION

Digital Piggybank is specially designed for any age group, anyone can use the piggybank hassle free. It is a spare money investment protocol, we do not think that a little money can give us any benefits or it will affect our financial balance , but small changes and small savings can affect a lot. The objective of the Digital Piggybank is to teach small children about the basic of Financial Education, Goal setting. Convenience, Security and Trust makes using piggybank more efficient and easy to use with the help of technology. Digital Piggybank are designed to make savings and investment more convenient and accessible in our increasing and digital world. Whether its's spare change or regular contribution, but it encourages financial discipline. Digital piggybank combines technology with Financial Education , making savings efficient and engaging. In this project , we have designed a simple system using Arduino, Ultrasonic sensor, where the lid of the piggybank will automatically count the number itself upon detection of human hand and the pattern on the coin. The Digital Piggybank is carefully designed solution that solves the work of counting or having to keep record of money.

II. LITERATURE SURVEY

"EACH TIME YOU COME TO THE TEMPLE , YOU GAIN A LITTLE MORE MERIT. IT IS LIKE PUTTING MONEY IN YOUR PIGGYBANK. IF YOU DO NOT COME, YOU WILL NOT GAIN ," KHONNOKYOUNG.

1. Temple and merits:

The temple represents a scared sacred space where individuals connect with the divine , seek solace, and engage in spiritual practices. In various religious traditions , visiting an temple is considered as an act of devotion , reverence and self-improvement. Merit refers to the positive karmic energy accumulated through virtuous deeds, selflessness, and spiritual practices.

2. The Analogy of the Piggy Bank:

Imagine your soul as spiritual piggy bank . Each visit to the temple is a kin to depositing a coin of merit into this metaphysical bank. Just as money accumulated in a physical piggy bank over time, merit accumulated in your spiritual account with each temple visit. The act of coming to the temple is an act of intentional investment in ypu spiritual well-being.

3. The importance of consistency:

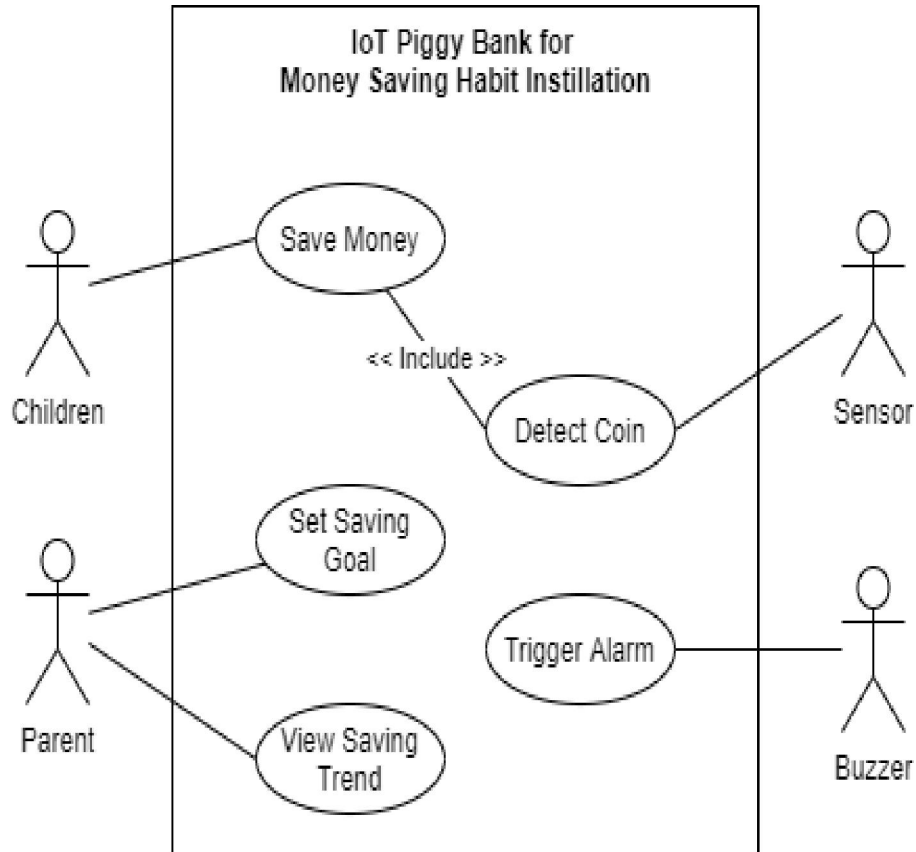
The statement emphasizes the regularity of temple visit . Like saving money constantly, regularly temple attendance ensures a steady accumulation of merit.

4. Universal wisdom:

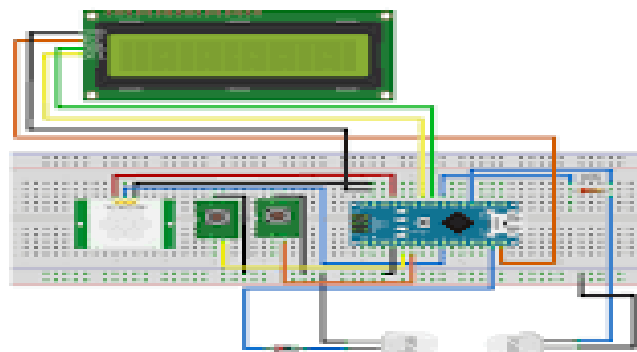
While the statement is rooted in Buddhist tradition, it's essence transcends religious boundaries. It's speak to the universal truth that consistency efforts yields results

In summary, the statement reminds us that our spiritual journey is a kin to saving in piggy bank :small, consistent efforts leads to significant gains.

III. USE CASE DIAGRAM



IV. RESULTS



V. CONCLUSION

Digital piggy banks are design to make savings and investment more convenient and accessible in our increasing digital world . Whether it's spare change or regular contributions, they encourage financial discipline and help to build a brighter financial future.

Digital piggy banks combines technology with Financial discipline, making savings efficient and engaging.

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