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Design and Implementation of a Digital Donation Box with Automated Coin Sorting System

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Abstract: *The digital donation box is a new and innovative approach to the traditional method of collecting donations for charities and non-profit organizations. This system utilizes an Arduino microcontroller, which serves as the brain of the donation box, to automate the donation process and provide greater transparency and security to donors. The system is designed to accept various forms of payment, including all types of coins. The donation box also incorporates an LCD that shows real-time updates on the donation, and a switch is used to display the total amount collected in the box. The entered coins will be separated and collected in different boxes, which will help the management monitor the system. This project can potentially revolutionize how charitable organizations collect donations, making the process more efficient, secure, and transparent.*

Keywords: Component, Formatting, Style, Styling.

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