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THE DEVELOPMENT OF AN AUTOMATED WASTE BIN FOR EFFICIENT SEGREGATION OF DRY AND WET GARBAGE: SMARTSORT BIN

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Description

The SmartSort Bin project aims to create an automated bin for segregating dry and wet garbage, vital for environmental sustainability and recycling. This project seeks to design and build a smart waste bin equipped with sensors and motors to efficiently sort waste, reducing contamination and promoting recycling. By moisture sensors the SmartSort Bin will accurately identify and separate different types of waste. The SmartSort Bin promises streamlined waste segregation, leading to improved recycling rates and a cleaner environment. Through automation, the project aims to minimize manual labor, enhance efficiency, and contribute to sustainable waste management practices. The SmartSort Bin represents a significant advancement in waste management, leveraging technology to address segregation challenges and promote a greener future.

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