

# **SEMI-AUTOMATED COMPOST BIN**

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## **ABSTRACT**

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The objective of this project is to design a compost bin which can tell the user on what to do when certain parameters are measured and processed by the Programmable Logic controller (PLC). The output, which indicated the user on the condition of the compost pile, will assist the user in the process of producing the compost at the shortest duration of time.

In this report, I will explain on what is compost, the required condition to produce at the shortest duration of time and how the controls work to achieve this objective.