

# ROBOT VACUUM

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## ABSTRACT

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The objective of this report is to conduct research and build a product using infrared sensors, servomotor, LEDs, and buzzer. The infrared sensors are used to detect the object hence, send signals to the microcontroller for the purpose of controlling the movements of the system.

In this report, the basic information, and the significance of using such product will be discussed in the introduction part of the report, reader will be able to get a pace that I will implement in the rest of the report. Then followed by the core of the report, I will be explaining the characteristic of each components and construction of the project, as well as also the method I have used for y project.