

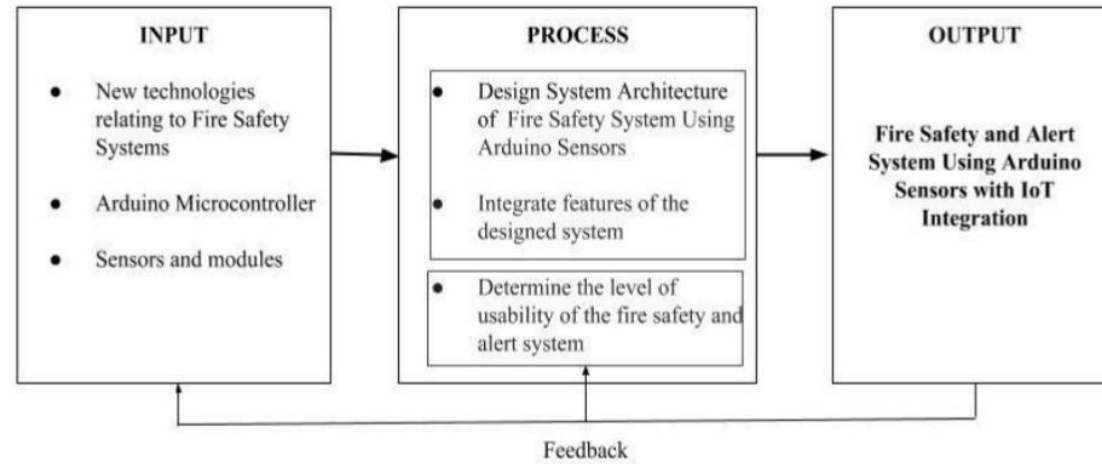
## OPEN SOURCFRAMEWORK

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## OPEN SOURCFRAMEWORK

This study utilized the Input-Process-Output (IPO) diagram (see Fig. 1) to visually illustrate its context. Inputs in this study include existing architectures, literatures and technology reviews concerning to fire safety systems, Arduino microcontroller, sensors and modules. These inputs are necessary in the architectural design of an Arduino based fire safety system integrating desired features as seen in the Process part of the IPO

**illustration. Feedbacks are collected and utilized as input to determine the level of usability of the developed system.**



**Figure 1. Conceptual Framework**

