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Arduino based Fire Detection and Water Sprinkler

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Abstract: *In this project, a Arduino-based automatic fire detection and water sprinkler system that can keep an eye on a building, an industry, and a residence is described. This project is crucial to the upkeep and supervision of all environments that are safe, including anything destroyed by fire. However, the numerous fire detection (fire extinguisher) systems that are now in use are both expensive and outmoded. As a result, it is not within the means of the people with low incomes. Making a low-cost fire control system is the primary goal of this project. The system was created as a result of inspiration to create a small system that was built on the core principles of control, security, and safety.*

Keywords: Arduino, a microcontroller, an environmental Siren, and sensor voltage are used in fire control and fire detection

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