

Ideation Phase Literature Survey

Date	01 September 2022
Team ID	PNT2022TMID24952
Project Name	Industry-specific intelligent fire management system
Maximum Marks	

In industry's mishap is a spontaneous and uncontrolled occasion wherein an activity or response of an item, a substance, an individual, or a radiation brings about close to home damage. There are a few mishaps occur because of fire. Fire identifiers are utilized to recognize the fire or smoke at a beginning time and can help in sparing lives. Right now, IOT based alarm has been planned utilizing temperature and smoke sensor. It would not just flag the nearness of fire in a specific reason yet will likewise send related data to portable through IOT. By utilizing the temperature sensor, smoke sensor and there is a simple to advanced convertor, which changes over the simple signs got at the sensor end to computerized and afterward transmits them to a smaller scale controller and to the Arduino. The small-scale controller is modified to turn on the ringer, when the temperature and the smoke arrive at an edge esteem. Simultaneously, Arduino sends the information to the Wi-Fi module ESP8266. ESP8266 will then the accompanying information to the IOT site, where, approved individuals can take fitting measure so as to check the fire. The gadget id is the one-of-a-kind id given to a gadget, which would enable the work force to get data identified with the area, where the fire is detected. This paper can urge numerous new specialists to do investigate in the forthcoming space of IOT