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**Bhoknal Gayatri Satish (B190103011)**

**Varpe Aditya Rajendra (B190103069)**

**Waman Onkar Uttam (B190103073)**

**Zanjare Shaileshkumar G. (B190103076)**

**ABSTRACT**

The project introduces a Voice-Operated Lift Control System with a strong emphasis on efficiency and safety. Utilizing an Arduino Mega microcontroller and an array of sensors, including load, flame, and temperature sensors, the system enables voice-controlled elevator operation while prioritizing passenger safety. First of all the user stands in lobby which is detected by IR sensor and hence lift arrives at that floor. After entering the lift, voice recognition module recognizes the command spoke by user and sends it to microcontroller for further execution. So the microcontroller sends necessary action command to the motor driver circuit. Sensor faults trigger immediate error responses, including overweight. Auditory feedback is provided via an audio player module to enhance user experience. The audio is played regarding the floor number on which the lift is arrived. It is observed from the experiment that the developed system successfully recognizes voice command and work accordingly.

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