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**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.

**CONTENTS**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **CHAPTER** |  |  | **NAME OF TOPIC** | **PAGE NO** |
|  |  |  | **Acknowledgement** | i |
|  |  |  | **Abstract** | ii |
|  |  |  | **Index** | iii |
|  |  |  | **List of Figures** | vi |
|  |  |  | **List of tables** | viii |
| **1** |  |  | **INTRODUCTION** | 1 |
|  | 1.1 |  | Overview | 1 |
|  | 1.2 |  | Need of Project | 2 |
|  | 1.3 |  | Aim of Project | 2 |
|  | 1.4 |  | Objectives of Project | 2 |
|  | 1.5 |  | List of Publications | 3 |
| **2** |  |  | **BACKGROUND AND RELATED WORK** | 4 |
|  | 2.1 |  | Project Background | 4 |
|  | 2.2 |  | Literature Survey | 5 |
| **3** |  |  | **SYSTEM DESIGN** | 7 |
|  | 3.1 |  | Block Diagram | 7 |
|  |  | 3.1.1 | Block Diagram Description | 8 |
|  | 3.2 |  | Components Required | 8 |
|  |  | 3.2.1 | Arduino Mega | 8 |
|  |  | 3.2.2 | Infrared Sensor | 10 |
|  |  | 3.2.3 | Voice recognition module | 11 |
|  |  | 3.2.4 | 16x2 LCD | 12 |
|  |  | 3.2.5 | I2C serial interface adapter module | 13 |
|  |  | 3.2.6 | Audio player module | 15 |
|  |  | 3.2.7 | Ultrasonic sensor | 16 |
|  |  | 3.2.8 | Temperature sensor | 17 |
|  |  | 3.2.9 | Flame sensor | 18 |
|  |  | 3.2.10 | Load cell with hx711 sensor | 19 |
|  |  | 3.2.11 | Push button | 20 |
|  |  | 3.2.12 | Motor driver | 21 |
|  |  | 3.2.13 | DC motor | 22 |
|  |  | 3.2.14 | Transformer | 23 |
|  |  | 3.2.15 | Diode | 23 |
|  |  | 3.2.16 | Capacitor | 24 |
|  |  | 3.2.17 | Resistor | 24 |
|  |  | 3.2.18 | Voltage regulator | 25 |
|  | 3.3 |  | Circuit Diagram | 26 |
|  | 3.4 |  | Algorithm | 27 |
|  | 3.5 |  | Flowchart | 28 |
|  | 3.6 |  | Code of System | 30 |
|  | 3.7 |  | System Budget Analysis | 48 |
| **4** |  |  | **DISCUSSION ON RESULTS** | 50 |
|  | 4.1 |  | Description of All Results | 50 |
| **5** |  |  | **SYSTEM OVERVIEW** | 54 |
|  | 5.1 |  | Advantages | 54 |
|  | 5.2 |  | Disadvantages | 54 |
|  | 5.3 |  | Applications | 55 |
| **6** |  |  | **CONCLUSION AND FUTURE SCOPE** | 56 |
|  | 6.1 |  | Conclusion | 56 |
|  | 6.2 |  | Future Scope | 56 |
|  |  |  | **REFERENCES** | 58 |
|  |  |  | **APPENDICES** | 59 |
|  |  | 1 | Arduino Mega datasheet | 59 |
|  |  | 2 | Voice recognition module datasheet | 60 |
|  |  | 3 | IR sensor datasheet | 60 |
|  |  | 4 | 16×2 LCD display datasheet | 61 |
|  |  | 5 | I2C serial module datasheet | 61 |
|  |  | 6 | Ultrasonic sensor datasheet | 61 |
|  |  | 7 | Audio player module datasheet | 62 |
|  |  | 8 | Temperature sensor datasheet | 62 |
|  |  | 9 | Flame sensor datasheet | 63 |
|  |  | 10 | Load cell datasheet | 63 |
|  |  | 11 | Hx711 ADC datasheet | 63 |
|  |  | 12 | L293 motor driver datasheet | 64 |
|  |  |  | Published Paper & Certificates | 65 |

**LIST OF FIGURES**

|  |  |  |
| --- | --- | --- |
| **Figure No** | **Name of Figure** | **Page No.** |
| 3.1 | Block Diagram | 7 |
| 3.2 | Arduino Mega | 9 |
| 3.3 | Infrared Sensor | 10 |
| 3.4 | Voice Recognition Module | 11 |
| 3.5 | 16X2 LCD | 12 |
| 3.6 | I2C serial interface adapter module | 14 |
| 3.7 | Audio player module | 15 |
| 3.8 | Ultrasonic sensor | 16 |
| 3.9 | Temperature sensor | 17 |
| 3.10 | Flame sensor | 18 |
| 3.11 | Load cell with hx711 sensor | 19 |
| 3.12 | Push button | 20 |
| 3.13 | Motor driver | 21 |
| 3.14 | DC motor | 22 |
| 3.15 | Transformer | 23 |
| 3.16 | Diode | 24 |
| 3.17 | Capacitor | 24 |
| 3.18 | Resistor | 25 |
| 3.19 | Voltage regulator | 25 |
| 3.20 | Circuit Diagram of Power Supply | 26 |
| 3.21 | Circuit Diagram of System | 26 |
| 3.22 | Flowchart | 28 |
| 4.1 | Start screen | 50 |
| 4.2 | Floor description screen | 51 |
| 4.3 | Load check screen | 52 |
| 4.4 | Fire detection screen | 52 |
| 4.5 | Prototype image | 53 |

**LIST OF TABLES**

|  |  |  |
| --- | --- | --- |
| **Table No** | **Table Name** | **Page No** |
| 1 | List of Publications | 3 |
| 2 | Literature Survey | 5 |
| 3 | LCD Pin Description | 12 |
| 4 | Budget Table | 48 |
| 5 | Arduino mega pin description | 59 |
| 6 | Voice recognition module pinout | 60 |
| 7 | IR sensor pin description | 60 |
| 8 | 16×2 LCD pin description | 61 |
| 9 | I2C module pin description | 61 |
| 10 | Ultrasonic sensor pinout | 61 |
| 11 | Audio player module pinout | 62 |
| 12 | Temperature sensor pin description | 62 |
| 13 | Flame sensor pin description | 63 |
| 14 | Load cell pinout | 63 |
| 15 | hx711 ADC pin description | 63 |
| 16 | L293 motor driver pin description | 64 |