Wireless Voice Operating Lift Control System with Safety Care

Miss.Waman Akanksha[1], Miss. Sonawane Pratiksha[2], Miss. Kadlag Tanuja[3], Miss. Shinde Prajakta[4]

Students, Dept. of Electronics Engineering,
Amrutvahini College of Engineering, Sangamner, India[1,2,3,4]

Abstract*: This project presents the design and construction of voice operated lift/elevator control system. This system acts as human-machine communication system. Speech recognition is the process of recognizing the spoken words to take the necessary actions accordingly. User can also control the electrical devices like fan, door etc with the help of voice recognition system. The main purpose of designing this project is to operate the Elevator by using voice commands. This device is very helpful for paralysis, short height people and physically challenged persons. SpeechRecognition could be a system that functions to convertauditory communication into the computer file. Thesystem input is human speech. The main purpose ofcoming up with this method is to control the Elevator bymistreatment voice commands by the user. It aims at serving to unfit, short height folks and physicallychallenged persons. This projected system is incrediblyabundant convenient throughout COVID-19 pandemic.*

Keywords: Internet of Things,Transportation Management, GPS Location Tracking, GSM, Accident Alert,

REFERENCES

[1] K. Srilatha, B. Reeshma, M.V. Sirisha, "Automated elevator an attentive elevator to elevate using speech recognition", International Research Journal of Engineering and Technology (IRJET), Volume: 07 Issue: 02, Feb 2020.

[2]Li Deng, Fellow, IEEE, and Xiao Li, Member, IEEE, Machine Learning Paradigms or Speech Recognition: An Overview IEEE Transaction on audio, speech and language processing VOL. 21, NO. 5, MAY 2013.

[3] Richard VCox, Fellow IEEE, Candace A. Kamm, Senior member, IEEE, Lawrence RRabiner, Fellow, IEEE, Juergen Schroeter, Senior member, IEEE and Jay G Wiplon, Fellow, IEEE, Speech and language processing for next – millennium communication services proceeding of the IEEE, VOL. 88, NO.8, AUGUST 2000.

[4] Roger K Moore, Member, IEEE, PRESENCE: A Human-Inspired Architecture for Speech-Based Human-Machine Interaction IEEE Transactions of computer, VOL. 56, NO. 9, SEPTEMBER 2007\

[5]Punit Kumar Sharma, Dr. B.R. Lakshmikantha and K. Shanmukh Sundar, Real Time Control of DC Motor Drive using Speech Recognition 978-1-4244-7882-8/11/$26.00 ©2011 IEEE.