Voice Based Automated Transport Enquiry

ram
Nalanada university, India
* ram1234@gmail.com
* corresponding author

ABSTRACT

Now this is the age of speed. Everything happens in the speed of supersonic. The data can be transferred at the speed of light in the digital medium, can travel in the supersonic speed, hence three is a need of information inflow in the same speed. Here is one such need of information fast enough. Waiting is experienced at the transport terminals for transport controllers to get the information about the transport facility. It is encountered so many times there will be no person for providing these information which significantly wastes the time just to know whether there is any facility or not.

Here is one solution for such a problem which lessens the human intervention in providing such information in the transport terminals.

Voice Based Automated Transport Enquiry System is the enquiry system which operates based on the voice input given by the user. There is no communication which is understood more appropriately than voice. This system too uses the voice commands and gives the required information in the form of voice.

This research Project is developed using .Net technology using C# Programming language. This uses SQL server for storing the information to be provided to the user. This user Microsoft Speech recognition to detect the voice from the user and uses the speech control to deliver the voice output. This also displays the results on the screen for further verification.
.

.

For Full Manuscript Contact editor at contact@ijsdcs.com

References

[1]   Y. Alkali, I. Routray, and P. Whig, "Study of various methods for reliable, efficient and Secured IoT using Artificial Intelligence," *Available at SSRN 4020364*, 2022.

[2]   G. Chopra and P. WHIG, "A clustering approach based on support vectors," *International Journal of Machine Learning for Sustainable Development*, vol. 4, no. 1, pp. 21–30, 2022.

[3]   G. Chopra and P. Whig, "Smart Agriculture System Using AI," *International Journal of Sustainable Development in Computing Science*, vol. 1, no. 1, 2022.

[4]   M. Madhu and P. WHIG, "A survey of machine learning and its applications," *International Journal of Machine Learning for Sustainable Development*, vol. 4, no. 1, pp. 11–20, 2022.

[5]   G. Chopra and P. Whig, "Energy Efficient Scheduling for Internet of Vehicles," *International Journal of Sustainable Development in Computing Science*, vol. 4, no. 1, 2022.

[6]   G. Chopra and P. WHIG, "Using machine learning algorithms classified depressed patients and normal people," *International Journal of Machine Learning for Sustainable Development*, vol. 4, no. 1, pp. 31–40, 2022.

[7]   P. WHIG, "More on Convolution Neural Network CNN," *International Journal of Sustainable Development in Computing Science*, vol. 1, no. 1, 2022.

[8]   N. George, K. Muiz, P. Whig, and A. Velu, "Framework of Perceptive Artificial Intelligence using Natural Language Processing (PAIN)," *Artificial & Computational Intelligence/Published Online: July*, 2021.

[9]   E. S. Mamza, "Use of AIOT in Health System," *International Journal of Sustainable Development in Computing Science*, vol. 3, no. 4, pp. 21–30, 2021.

[10]   V. S. Pawar, "IOT ARCHITECTURE WITH EMBEDDED AI," *International Journal of Sustainable Development in Computing Science*, vol. 3, no. 4, pp. 11–20, 2021.

[11]   R. Sinha and A. Ranjan, "Effect of Variable Damping Ratio on design of PID Controller," in *2015 4th International Conference on Reliability, Infocom Technologies and Optimization (ICRITO)(Trends and Future Directions)*, 2015, pp. 1–4.

[12]   R. Bhargav and P. Whig, "More Insight on Data Analysis of Titanic Data Set," *International Journal of Sustainable Development in Computing Science*, vol. 3, no. 4, pp. 1–10, 2021.

[13]   P. Whig and A. Rupani, "Novel Economical Social Distancing Smart Device for COVID19," *International Journal of Electrical Engineering and Technology*, vol. 2, 2020.

[14]   Y. Khera, P. Whig, and A. Velu, "efficient effective and secured electronic billing system using AI," *Vivekananda Journal of Research*, vol. 10, pp. 53–60, 2021.

[15]   A. Velu and P. Whig, "Protect Personal Privacy And Wasting Time Using Nlp: A Comparative Approach Using Ai," *Vivekananda Journal of Research*, vol. 10, pp. 42–52, 2021.

[16]   P. Whig, "Prediction of Smart Building Indoor Temperature Using IoT and Machine Learning," *International Journal of Machine Learning for Sustainable Development*, vol. 1, no. 4, pp. 1–10, 2019.

[17]   P. Whig, "Exploration of Viral Diseases mortality risk using machine learning," *International Journal of Machine Learning for Sustainable Development*, vol. 1, no. 1, pp. 11–20, 2019.

[18]   P. Whig and S. N. Ahmad, "Methodology for Calibrating Photocatalytic Sensor Output," *International Journal of Sustainable Development in Computing Science*, vol. 1, no. 1, pp. 1–10, 2019.

[19]   S. N. Ahmad, "Pawan Whig," *Journal of Mobile and Adhoc Network. pp*, vol. 80, p. 84, 2012.

[20]   A. Velu and P. Whig, "Studying the Impact of the COVID Vaccination on the World Using Data Analytics".

[21]   G. Chopra and P. Whig, "Analysis of Tomato Leaf Disease Identification Techniques," *Journal of Computer Science and Engineering (JCSE)*, vol. 2, no. 2, pp. 98–103, 2021.

[22]   P. Asopa, P. Purohit, R. R. Nadikattu, and P. Whig, "Reducing carbon footprint for sustainable development of smart cities using IoT," in *2021 Third International Conference on Intelligent Communication Technologies and Virtual Mobile Networks (ICICV)*, 2021, pp. 361–367.

[23]   K. K. and P. Whig2*, "Macroeconomic Implications of the Monetary Policy Committee Recommendations: An IS-LM Framework," *ACTA SCIENTIFIC AGRICULTURE (ISSN: 2581-365X)*, vol. 4, no. 2, 2020.

[24]   P. Whig, "Novel PCS Output Calibration Technique," *Available at SSRN 3621365*, 2020.

[25]   P. Whig and S. N. Ahmad, "Comparison analysis of various R2R D/A converter," *Int J Biosen Bioelectron*, vol. 4, no. 6, pp. 275–279, 2018.

[26]   P. Whig and S. N. Ahmad, "Novel pseudo PMOS ultraviolet photo catalytic oxidation (PP-UVPCO) sensor for air purification," *Int Rob Auto J*, vol. 4, no. 6, pp. 393–398, 2018.

[27]   P. Whig and S. N. Ahmad, "Fuzzy logic implementation of photo catalytic sensor," *Int. Robot. Autom. J*, vol. 2, no. 3, pp. 15–19, 2017.

[28]   S. N. Ahmad and P. Whig, "On the Performance of ISFET-based Device for Water Quality Monitoring," 2011.

[29]   P. Whig and S. N. Ahmad, "Controlling the Output Error for Photo Catalytic Sensor (PCS) Using Fuzzy Logic," *Journal of earth science and climate change*, vol. 8, no. 4, pp. 1–6, 2017.

[30]   1 S N Ahmad Pawan Whig 2 Anupam Priyam3, "Simulation & performance analysis of various R2R D/A converter using various topologies," *International Robotics & Automation Journal*, vol. 4, no. 2, pp. 128–131, 2018.

[31]   P. Whig, "Temperature and Frequency Independent Readout Circuit for PCS System," *SF J Material Res Let*, vol. 1, no. 3, pp. 8–12, 2017.

[32]   A. Rupani, P. Whig, G. Sujediya, and P. Vyas, "Hardware implementation of iot-based image processing filters," in *Proceedings of the Second International Conference on Computational Intelligence and Informatics*, 2018, pp. 681–691.

[33]   P. Whig and S. N. Ahmad, "Modelling and simulation of economical water quality monitoring device," *Journal of aquaculture & Marine Biology*, vol. 4, no. 6, pp. 1–6, 2016.

[34]   P. Agarwal and P. Whig, "Low Delay Based 4 Bit QSD Adder/Subtraction Number System by Reversible Logic Gate," in *2016 8th International Conference on Computational Intelligence and Communication Networks (CICN)*, 2016, pp. 580–584.