

Review Paper on Facial Expression Based Music Recommendation System

**Prof. Jyotsana Gabhane¹, Krishna Jaiswal², Priyanka Dhuriya³,
Saurabh Bhure⁴, Mayur Meshram⁵, Vivek Kumar Sharma⁶**

Faculty, Department of Computer Technology¹
Students, Department of Computer Technology^{2,3,4,5,6}
Priyadarshini College of Engineering, Nagpur, Maharashtra, India

Abstract: *Music plays an important role in one's life, the tone of music helps to heal the pain and it also helps to enjoy moments. We have different song lists depending upon the mood. But there are no such tools that can be used as an emotion-based music player that detects the emotion of the person and plays music according to the mood. The proposed system is Emotion Based Music Player using Python and Machine Learning.*

Keywords: Emotion, Music, Detection, Classification

REFERENCES

- [1]. Nitisha Raut, "Facial Emotion Recognition Using Machine Learning", San Jose State University 2018.
- [2]. Ankita Mahadik, Shambhavi Milgir, Janvi Patel, Vijaya Bharathi Jagan, Vaishali Kavathekar, , 2021, Mood based Music Recommendation System, International Journal Of Engineering Research & Technology (IJERT) Volume 10, Issue 06 (June 2021)
- [3]. Zeynep Inanoglu, Ron Caneel. Emotive Alert: HMM-Based Emotion Detection In Voicemail Messages. MIT Media Lab Technical Report No. 585, January 2018. Appeared in: Intelligent user Interfaces (IUI 05), 2018, San Diego, California, USA.
- [4]. J. Nicholson, K. Takahashi, R. Nakatsu. Emotion Recognition in Speech Using Neural Networks. Neural Computing and Applications, volume 9, pages 290-296, December 2020, ISSN 1433-3058.
- [5]. Ameeta Agrawal, Aijun An. Unsupervised Emotion Detection from Text using Semantic and Syntactic Relations. 2019 IEEE/WIC/ACM International Conferences on Web Intelligence and Intelligent Agent Technology, Macau, 2019, pp.346-353.
- [6]. Samira Pouyanfar, "Music emotion recognition using two-level classification", Iranian Conference on Intelligent Systems 2020