EMOTION BASED MUSIC PLAYER USING MACHINE LEARNING ALGORITHM

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PROBLEM STATEMENT

In daily life of people, they do hear different kind of music according to their playlist but not according to their current emotion. Analyzing one's mood and soothing them is a different kind of relief. But in this generation finding a loyal person is itself a big task . These days we depend on music a lot as it connects to our soul and that itself is a great stress buster and relief . Our idea is to create a music player that plays music according to the users mind set.
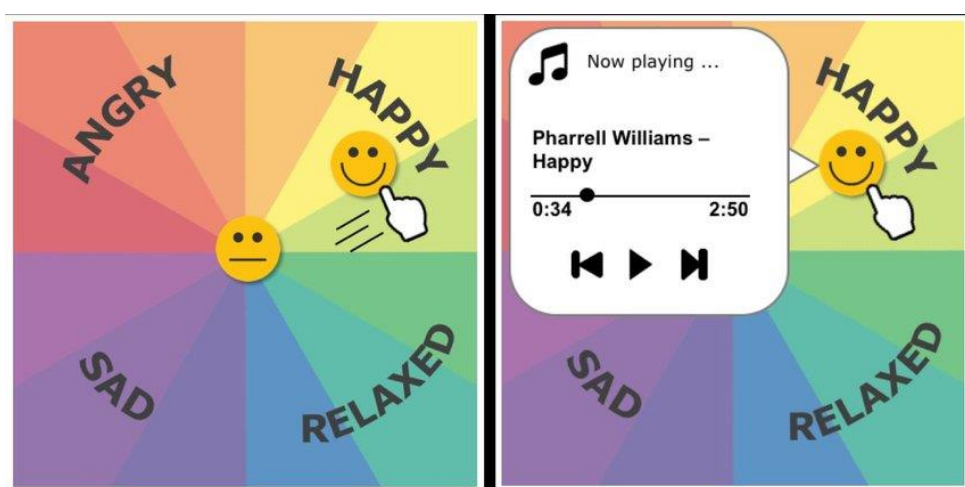

Fig. 1-EMO PLAYER

FACE EMOTION DETECTION

Facial Emotion Recognition (FER) is the technology that analyses facial expressions from both static images and videos in order to reveal information of ones emotional state.In this emo player the user's face is detected and by analyzing the emotion of the user the song will be played .

OUR SOLUTION

Detecting emotion is one of the most important marketing stratergies in todays world.Using this emo player we would personally connect with user's soul as this player plays music according to their mindset and this makes the person more refreshed and they shall focus on their day to day life. This would specifically suit to their personal interest. Getting the own emotion of the customer will improve the outcome of the product
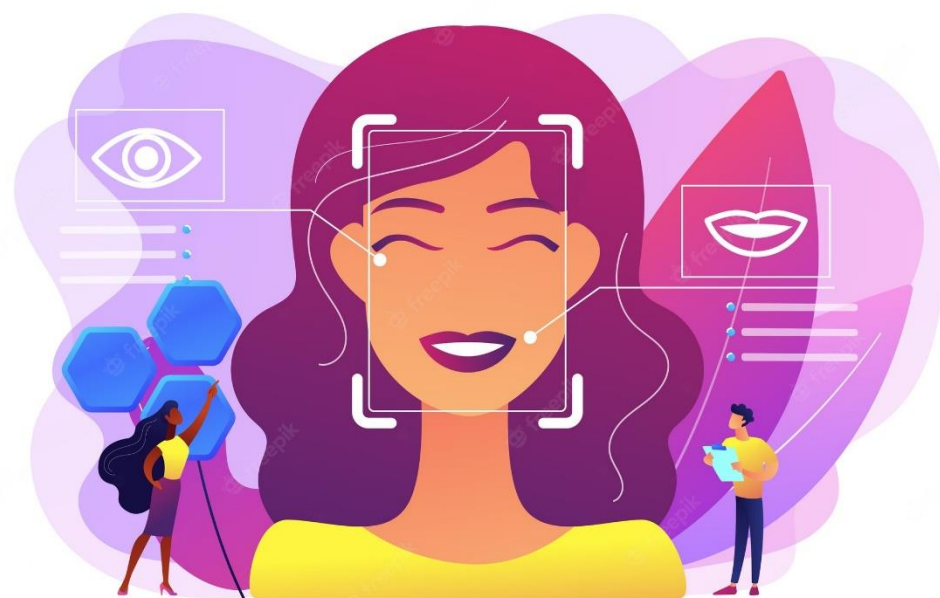

Fig. 2-FACE DETECTION

This work presents a model that recognizes the facial emotion of the user that can be captured using webcam. Later on the music player compares the original user's face to the trained data and then it plays the music according to the user's current mood.It is the model to represent the EMO PLAYER.