

Music Player System for User Facial Recognition using CNN Algorithm

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Abstract: *A strong language for expressing your emotion is music . Many pepole utilise music therapy to get through difficult time in their life. Emotion and moods can be easily reflected in music We often listen to energetic music when playing sports, and the same goes for fatigued or nervous people—a lovely, calming tune can help them relax."Melancholic Music" is a music player which play song based on your mood ,it uses neural network to categorise the many emotions on a person's face, such as anger ,disgust ,fear etc. Neural network is a method in artificial intelligence .It is a type of machine learning process called deep learning .These neural networks reflect the behavior of the human brain, allowing computer programs to recognize patterns and solve common problems in diverse domains .The project also aims to create a playlist according to different emotion .Thus deep learning algorithms helps one automate a task that can take a long time to perform.*

Keywords: Face Recognition, Capture Image, Detect Mood, Emotions, Fetch Song

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