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| Title | Authors | About | Pros | Cons |
| Music Recommendation Based on Current Mood Using Ai & Ml | Dharmendra Roy,  Anjali. CH,  G. Kavya Sri,  B. Tharun,  K. Venu Gopal | The system extracts initial or raw data from faces and reduces it to many other classes using methods like principal component analysis (PCA) and Fisher's Linear Discriminant method (LDA). | The system uses facial recognition technology to detect the user's emotions, which can be more accurate than relying on self-reported mood. | The system relies on facial recognition technology, which can be controversial and raise privacy concerns. |
| Facial Image-Based Emotion Detection And Music Recommendation  System | Mrs. P. P. Kambare,  Dr. S. T. Patil,  D Y Patil | The system captures facial expressions through a webcam and analyzes them using a convolutional neural network (CNN) to recognize emotions and then maps to a set of songs that match the user's mood, based on sentiment analysis of song lyrics and metadata. | The system can adapt to users' listening patterns and preferences over time, providing fresh and relevant recommendations. | The system may not be able to capture more complex emotions or nuances in music preferences that are not easily quantifiable. |

**Literature Survey**