Project Name:	MoodSphere
Team:	DevDynasty
Project Description:	Using facial expression detection techniques and machine learning algorithms in real time to understand the users mood. **for** the music enthusiasts seeking a personalized and emotionally resonant listening experience, **who** wants to listen to their music based on their current emotional state **the** MoodSphere **is an** application that takes out the hassle of going through all the options in traditional music applications to hear the right music for their mood, **that** employs facial recognition and CNNs to analyze your real-time emotional expressions captured through the camera. **unlike** traditional music recommendation systems solely relying on user preferences, MoodSphere distinguishes itself by incorporating facial emotion analysis. **our application** dynamically adjusts music recommendations as your emotional expressions evolve allowing users to experience enhanced recommendations within the application.
Benefit Outcomes:	**Enhanced Emotional Connection:** By translating facial expressions into emotional parameters in real time this application allows a deeper emotional connection between users and the recommended music, creating a more immersive experience. **Adaptive Recommendations:** The system's real-time adaptability ensures that the music suggestions are dynamically aligning with users' evolving emotional states, offering a continuously relevant playlist or recommendation. **Stress Relief and Relaxation:** Users, especially busy professionals, can benefit from the stress-relieving qualities of music recommended specifically to match their emotional needs, promoting relaxation and well-being.
Github Link:	htmw/2024S-Dev-Dynasty (github.com)