

Moodify



# OUR TEAM

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# Music is emotional.

Our goal with Moodify is to make picking the perfect song easier based on the user's visible emotions.

# BEHIND THE SCENES

Moodify:

- Detects user's visually discernable emotions using DeepFace and Matplotlib
- Plays corresponding "mood music" using Google Colab and display.Audio



# *the future*

- adding more nuanced emotions
- adding playlists and a larger song set
- allowing users to like and dislike songs
- recommending movies and videos based on emotions in addition to music

# MAINSTREAM USAGE



By integrating Moodify with streaming services, the combination of song selection algorithms and mood recognition can better predict musical preferences. Additionally, filmmakers can use Moodify to scan movie clips and gain automatic background music recommendations.



# DISCOVERIES



Ananya learned a great deal about how to use libraries and using Matplotlib. And this is only her first hack-a-thon!



Pravallika learned how we can do things a lot of things just with coding. She has explored libraries DeepFace and OpenCV.

Gauri learned about various Python libraries and strengthened her understanding of AI algorithms.



Ritvi learned about interfacing colab, raspberry pi and camera, explored libraries for its facilitation.

In all,

# Moodify



uses mood recognition to make listening to your favorite music more fun, intuitive, and personalized.