

Technical Documentation

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This document provides a technical overview detailing each component's functionality and integration.

Overview of Files

Main.py: Includes API integration and contains the main algorithm to determining the song selection

prototypeGUI.py: contains the interface the user will interact with

realtime-emotion-detection.py: The program determining the emotion of the user based on the face

emotion-detection-data-collection.py: saves the face as an image to be used as reference and train for better facial recognition