Music by emotions

John Hani, Mohamed Nashaat, Mostafa Ahmed, Zeyad Emad

July 3, 2018

Abstract

The Project is an a musical app that will choose it is music by Knowing your emotions by the time that you open your the app .the app will know your emotion By face reactions ,The look of the eye and we may use the sound .

1 Introduction

1.1 Background

The app is about choosing music for people according to their emotions .by face recognition and and eye recognition.

1.2 Motivation

Music is the most sound that play on devices so we want to help people to choose the music that they need to hear according to their emotions right now.In this project we know that people put earphones almost an hour a day so we want to help them in making their choice.

1.3 Problem Definitions

Choosing music.

1.3.1

In this project we will have advantage by other music apps that have the music. We will give the user what he needs.

2 Project Description

2.1 Objective

Is to make our app Know the emotion in the time the user is switch on the app.

2.2 Scope

The objective is to develop software that know know the real emotion of the user.

2.3 Project Overview

The app will go to analyze the face reactions and the look of the eye and it will deduce the feeling of the user.

3 Related work

3.1 Exploring a rationale for choosing to listen to sad music when feeling sad

3.2 Emotions in Sound: Audiovisual Metaphors in the Sound Design of Narrative Films

3.3 Mobile listening situations in everyday life: The use of MP3 players while travelling

3.4 Similar System Description

The system is done by unknown developers and the have success rate 73 of 100 also they recognize only 4 emotions.

3.5 Comparison with Proposed Project

Our system will recognize more emotions with higher success rate.

4 References