STEPWISE PROCESS TO RUN THE PROJECT ON YOUR PC

1. Download the folder named "emotion based music player" which has been uploaded on the drive.

2. Download the necessary files from the command prompt, you must have an active wifi connection:

- Python 3.6.5
- Opencv 3.4.3
- Imp. Modules like numpy,glob,os,random,argparse,time
- Eel version:0.9.10 must be downloaded(download link: https://github.com/ChrisKnott/Eel)

3. Open command prompt, go to the directory where the folder is stored using cd command.

4. Just type "python capture.py", this is the file which opens the music player API on the browser.

5. There are three modes which you can choose from:

- Queue mode: Your favourite songs can be queued up
- Emotion mode: As soon as you click this, your webcam will open and capture your face, accordingly it will show you your current mood and display on the left corner. Also the music will start playing accordingly.
- Random Mode: In this mode any random music will play

6. Once your face has been captured it is resized and converted to grayscale using the code

7. The algorithm will display your emotion and play music accordingly.

8. The emotion detected will also be displayed on your command prompt.

9. Just sit back and enjoy the music.

10. Once you are done, close the window and exit command prompt.

CHEERS TO YOU!