**EMOTION DETECTION SYSTEM**

LIBRARIES:

**OpenCV** (Open Source Computer Vision Library)

**FER** (Facial Expression Recognition)

TESTING ACCURACY:

**Regarding Testing Model:** Firstly, I'm not fully equipped with this testing model concepts and moreover I couldn't find much information for self-study within this short period of time. So I couldn’t do it.

MODEL USED:

FER bundles a Keras Model. It is a convolutional neural network with weights saved to HDF5 file. It can be overridden by injecting into FER () constructor with emotion model parameter.

PROCEDURE / INSTRUCTIONS TO USE:

1. Insert the Image as an input for the code for facial recognition.
2. After the successful insertion of the image run the program on IDE platform.
3. If the facial emotions are **NOT** **detected**, then an **ERROR** will be displayed on the output window.
4. If the facial emotions are **detected**, then all the **emotions and its values will be displayed** on the output window.
5. After successful display of emotions and its values, the code will terminate.

**NOTE:**

If user has to insert multiple images, a **for loop** can be written for the smooth execution of the code