

**TEAM**  
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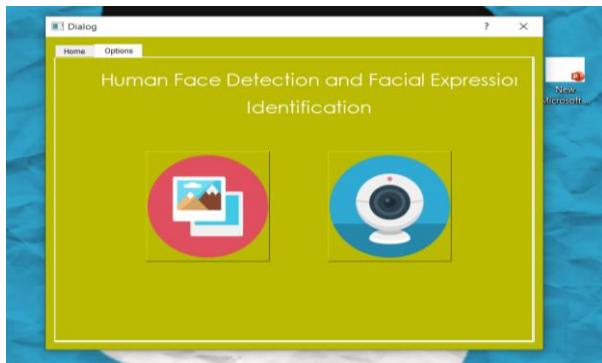
# FACIAL EMOTION RECOGNITION

## Abstract

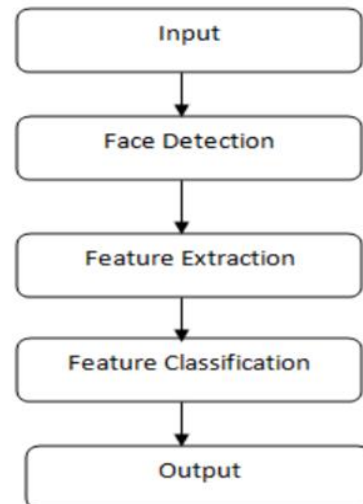
A facial expression is the visible manifestation of the effective state and personality of a person. Human beings can convey intentions through non-verbal cues such as gestures, facial expressions and involuntary languages. Facial emotion recognition is important for the interpretation for facial expression in application such as intelligent man machine interface and communication and real time detection from live motion image. This project identifies the expressions of a human when they are placed in front of camera. It detects various expressions like anger, disgust, fear, happy, sad, neutral and surprise.

## Modules

Home  
Photo Upload  
Camera



## Architecture



## Tools and Technologies

- PyCharm
- TensorFlow
- Python 3.6

## Conclusion and Future Scope

This project is an approach for recognizing the category of facial expressions and extraction of expressions from images and will be able to recognize spontaneous expression. As it creates a human computer interaction it is used in lie detection, shopping centre to view the feedback of customers. This system can be used in digital cameras where in the image can be captured when the person smiles.

## Guide

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