

## customer satisfaction measurement

The goal of this project is to recognize emotion from facial expressions. To achieve this, this project uses the dataset consisting of facial emotions of following categories: angry, disgust, fear, happy, sad, surprise and natural.



In Building the Convolutional Neural Network (CNN) Model, we using two best model, RESNET50 and DenseNet 169 architecture and we find that the accuracy for RESNET50 is 0.5608 and the validation is 0.5666 , and accuracy for DenseNet169 is 0.5959 and the validation is 0.6049 . so we chose RESNET50 for best model to avoid overfitting

