Date	4 November 2022
Team ID	PNT2022TMID14463
Project Name	Real time Communication Powered by AI for specially abled
Maximum Marks	8 Marks

Image Preprocessing

Import ImageDataGenerator Library And Configure It

from tensorflow.keras.preprocessing.image import

ImageDataGenerator# Training Datagen

train_datagen =
ImageDataGenerator(rescale=1/255,zoom_range=0.2,horizontal_flip=True,vertical_flip=False)

Testing Datagen

test_datagen =

ImageDataGenerator(rescale=1/255)import

tensorflow as tf

import os

from tensorflow.keras.models import Sequential

from tensorflow.keras.layers import Dense, Conv2D, Flatten, Dropout,

MaxPooling2Dfrom tensorflow.keras.preprocessing.image import

ImageDataGenerator

import numpy as np

import matplotlib.pyplot as plt

import IPython.display as

displayfrom PIL import Image

import pathlib