## Project Development Phase Sprint 3

Date	19 November 2022
Team ID	PNT2022TMID14822
Project Name	Real-Time Communication System Powered by Al for Specially Abled
Maximum Marks	2 Marks

```
In [54]: import numpy as np from tensorflow.keras.models import load_model from tensorflow.keras.preprocessing import image

In [55]: from keras.models import Sequential from keras.layers import Dense from keras.layers import Postoling2D from keras.layers import Dense from keras
```

## Testing:

```
In []:
from keras.models import load_model
import numpy as np
import cv2

In []:
from tensorflow.keras.models import load_model
from tensorflow.keras.models import image
import numpy as np

In []:
model=load_model('mail_model_84_54.hs')
img-image.load_img(r"!\Projects\SamtBridge\ModelGen\Dataset\test_set\D\2.png',
target_size=(64,64))

In []:
model=load_model("mailpng.hs')
img = image.load_img(r"/content/drive/MyOrive/IBM project/test_set/D/10.png",target_size=(64,64))

In []:
x = image.img_to_array(img)

In []:
x = np.expand_dims(x,axis=0)
x.shape

In []:
pred = model.predict(x)

In []:
print("the alphabet is ",str(class_name(pred_id()))
```