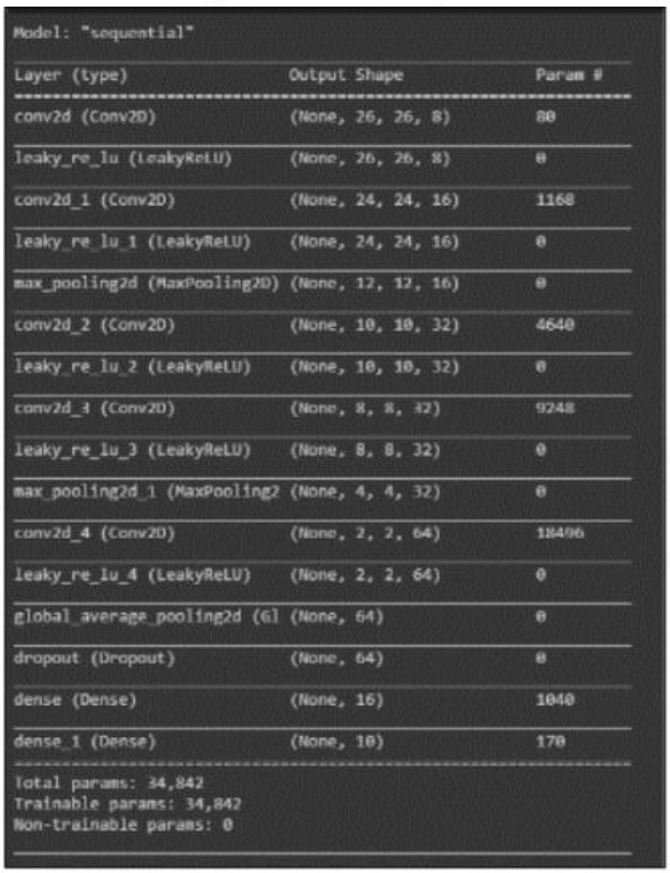
Project Development Phase

User Acceptance Test

Date	16 November 2022
Team ID	PNT2022TMID25091
Project Name	A Novel Method For Handwritten Digit Recognition system
Maximum Marks	4 Marks

User Acceptance Testing:



```
Model: "sequential"
_________________________________________________________________
Layer (type)                 Output Shape              Param #
=================================================================
conv2d (Conv2D)              (None, 26, 26, 8)         80
_________________________________________________________________
leaky_re_lu (LeakyReLU)      (None, 26, 26, 8)         0
_________________________________________________________________
conv2d_1 (Conv2D)            (None, 24, 24, 16)        1168
_________________________________________________________________
leaky_re_lu_1 (LeakyReLU)    (None, 24, 24, 16)        0
_________________________________________________________________
max_pooling2d (MaxPooling2D) (None, 12, 12, 16)        0
_________________________________________________________________
conv2d_2 (Conv2D)            (None, 10, 10, 32)        4640
_________________________________________________________________
leaky_re_lu_2 (LeakyReLU)    (None, 10, 10, 32)        0
_________________________________________________________________
conv2d_3 (Conv2D)            (None, 8, 8, 32)          9248
_________________________________________________________________
leaky_re_lu_3 (LeakyReLU)    (None, 8, 8, 32)          0
_________________________________________________________________
max_pooling2d_1 (MaxPooling2 (None, 4, 4, 32)          0
_________________________________________________________________
conv2d_4 (Conv2D)            (None, 2, 2, 64)          18496
_________________________________________________________________
leaky_re_lu_4 (LeakyReLU)    (None, 2, 2, 64)          0
_________________________________________________________________
global_average_pooling2d (Gl (None, 64)                0
_________________________________________________________________
dropout (Dropout)            (None, 64)                0
_________________________________________________________________
dense (Dense)                (None, 16)                1040
_________________________________________________________________
dense_1 (Dense)              (None, 10)                170
=================================================================
Total params: 34,842
Trainable params: 34,842
Non-trainable params: 0
_________________________________________________________________
```