

Project Development Phase Model Performance Test

Date	10 November 2022
Team ID	PNT2022TMID48097
Project Name	Project – Real Time Communication System Powered by AI for Specially Abled
Maximum Marks	10 Marks

Model Performance Testing:

Project team shall fill the following information in model performance testing template.

S.No	Parameter	Values	Screenshot
1.	Model Summary	-	<pre> graph TD conv2d_input["conv2d_input: InputLayer"] --> conv2d["conv2d: Conv2D"] conv2d --> batch_normalization["batch_normalization: BatchNormalization"] batch_normalization --> max_pooling2d["max_pooling2d: MaxPooling2D"] max_pooling2d --> conv2d_1["conv2d_1: Conv2D"] conv2d_1 --> dropout["dropout: Dropout"] dropout --> batch_normalization_1["batch_normalization_1: BatchNormalization"] batch_normalization_1 --> max_pooling2d_1["max_pooling2d_1: MaxPooling2D"] max_pooling2d_1 --> conv2d_2["conv2d_2: Conv2D"] conv2d_2 --> batch_normalization_2["batch_normalization_2: BatchNormalization"] batch_normalization_2 --> max_pooling2d_2["max_pooling2d_2: MaxPooling2D"] max_pooling2d_2 --> flatten["flatten: Flatten"] flatten --> dense["dense: Dense"] dense --> dropout_1["dropout_1: Dropout"] dropout_1 --> dense_1["dense_1: Dense"] </pre>


```
classes = ["Class " + str(i) for i in range(25) if i != 9]
print(classification_report(y, predictions, target_names = classes))
```

Output exceeds the `size limit`. Open the full output data [in a text editor](#)

	precision	recall	f1-score	support
Class 0	1.00	1.00	1.00	331
Class 1	1.00	1.00	1.00	432
Class 2	1.00	1.00	1.00	310
Class 3	1.00	1.00	1.00	245
Class 4	1.00	1.00	1.00	498
Class 5	1.00	1.00	1.00	247
Class 6	1.00	1.00	1.00	348
Class 7	1.00	1.00	1.00	436
Class 8	1.00	1.00	1.00	288
Class 10	1.00	1.00	1.00	331
Class 11	1.00	1.00	1.00	209
Class 12	1.00	1.00	1.00	394
Class 13	1.00	1.00	1.00	291
Class 14	1.00	1.00	1.00	246
Class 15	1.00	1.00	1.00	347
Class 16	1.00	1.00	1.00	164
Class 17	1.00	1.00	1.00	144
Class 18	1.00	1.00	1.00	246
Class 19	1.00	1.00	1.00	248
Class 20	1.00	1.00	1.00	266
Class 21	1.00	1.00	1.00	346
Class 22	1.00	1.00	1.00	206
Class 23	1.00	1.00	1.00	267
...				
accuracy			1.00	7172
macro avg	1.00	1.00	1.00	7172
weighted avg	1.00	1.00	1.00	7172