

Project Development Phase Model Performance Test

Date	10 November 2022
Team ID	PNT2022TMID47348
Project Name	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	Total params: 1,103,721 Trainable params: 1,103,721 Non-trainable params: 0	<pre>[0.0614257, 0.07474514, 0.02797827, 0.02379269, 0.02409033, 0.0159238, 0.01078949, 0.00967334, 0.01642607, 0.02100231, 0.02280676, 0.02273235, 0.02018049, 0.03212665, 0.0433812, 0.04475779, 0.04790163, 0.0440695, 0.04648783, 0.04745517, 0.04873875, 0.03936305, 0.04137213, 0.04034898, 0.04784582, 0.04325899, 0.04356723, 0.04286833, 0.04602277, 0.05398467, 0.05738894, 0.05714711, 0.05569611, 0.04421832, 0.04514845, 0.04605997, 0.04412531, 0.03675869, 0.04486941, 0.05065481, 0.05214302, 0.05612397, 0.05818885, 0.06540665, 0.06882953, 0.07243843, 0.07993526, 0.07846566, 0.08034452, 0.08497656, 0.08627874, 0.08471612, 0.07454052, 0.07883771, 0.07238262, 0.06663442, 0.06315574, 0.06782499, 0.06823424, 0.07081812]]</pre> <pre>[0.07474514, 0.02797827, 0.02379269, 0.02409033, 0.0159238, 0.01078949, 0.00967334, 0.01642607, 0.02100231, 0.02280676, 0.02273235, 0.02018049, 0.03212665, 0.0433812, 0.04475779, 0.04790163, 0.0440695, 0.04648783, 0.04745517, 0.04873875, 0.03936305, 0.04137213, 0.04034898, 0.04784582, 0.04325899, 0.04356723, 0.04286833, 0.04602277, 0.05398467, 0.05738894, 0.05714711, 0.05569611, 0.04421832, 0.04514845, 0.04605997, 0.04412531, 0.03675869, 0.04486941, 0.05065481, 0.05214302, 0.05612397, 0.05818885, 0.06540665, 0.06882953, 0.07243843, 0.07993526, 0.07846566, 0.08034452, 0.08497656, 0.08627874, 0.08471612, 0.07454052, 0.07883771, 0.07238262, 0.06663442, 0.06315574, 0.06782499, 0.06823424, 0.07081812]]</pre>
2.	Accuracy	Training Accuracy - 0.9998 Validation Accuracy -0.9976	<pre>Epoch 1/5 50/50 [=====] - 15s 284ms/step - loss: 0.0001 - accuracy: 0.9998 - val_loss: 1.4992 - val_accuracy: 0.9998 Epoch 2/5 50/50 [=====] - 15s 287ms/step - loss: 1.4998 - accuracy: 0.9998 - val_loss: 0.9458 - val_accuracy: 0.9998 Epoch 3/5 50/50 [=====] - 15s 288ms/step - loss: 0.9997 - accuracy: 0.9998 - val_loss: 0.9511 - val_accuracy: 0.9997 Epoch 4/5 50/50 [=====] - 15s 288ms/step - loss: 0.9994 - accuracy: 0.9994 - val_loss: 0.9799 - val_accuracy: 0.9994 Epoch 5/5 50/50 [=====] - 15s 285ms/step - loss: 0.9994 - accuracy: 0.9994 - val_loss: 0.9479 - val_accuracy: 0.9994 keras.callbacks.History at 0x748b666580</pre>