Project Development Phase

Model Performance Test

Date	18 November 2022
Team ID	PNT2022TMID27674
Project Name	Real-Time Communication Using AI for Specially Abled
Maximum Marks	10 Marks

Model Performance Testing:

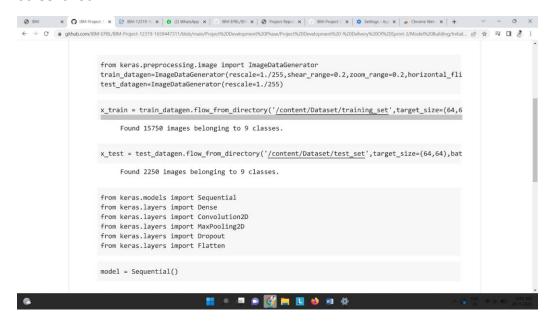
The below table consists of information in model performance by the project team,

S.no	Parameter	Values
1.	Model Summary	Total amount of Test data imported – 2250 images in
		9 classes. Total amount of Training data – 15750 images in 9
		classes.
		Length of the Training set – 18
		Length of the Test set – 3
2.	Accuracy	Model Accuracy - 0.7874015748031497
		Training Accuracy – 0.9991
		Validation Accuracy – 0.9760

Screenshots:

The Screenshots below are for the Model Performance Testing table, Model

Screenshot:



Accuracy Screenshot:

```
model.compile(loss='categorical_crossentropy', optimizer = 'adam', metrics = ('accuracy'])

model.fit_generator(x_train,stepi_per_opoch=24.pepchs=18,validation_data = x_test, validation_fitses_ger_opoch = no. of train_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_images/Johnston_imag
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