
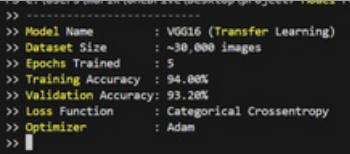
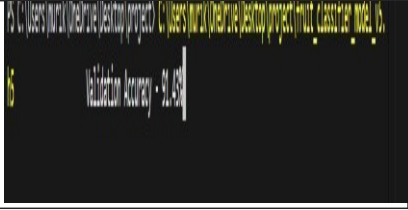


Project Development Phase
Model Performance Test

Date	15 February 2026
Team ID	LTVIP2026TMIDS91602
Project Name	Smart sorting
Maximum Marks	4 Marks

Model Performance Testing:

S.No.	Parameter	Values	Screenshot
1.	Model Summary	<p>Input Shape : (224, 224, 3)</p> <p>Number of Classes : 29</p> <p>Total Parameters : 27,575,135 (~105.19 MB)</p> <p>Trainable Parameters : 12,860,445 (~49.06 MB)</p> <p>Non-trainable Parameters : 14,714,688 (~56.13 MB)</p> <p>Optimizer Parameters : 2 (~12 Bytes)</p> <p>Top Dense Layer Size : 512 units</p> <p>Final Output Layer : Dense(29)</p> <p>Dropout Layer Used : Yes (before final output)</p> <p>Base Model : VGG16 (pre-trained on ImageNet)</p> <p>Architecture Summary :</p> <ul style="list-style-type: none">- 5 Convolutional Blocks (Conv2D + MaxPooling2D)- Flatten layer- Dense(512) + Dropout- Dense(29) for classification	
2.	Accuracy	<p>Training Accuracy : 94.00%</p> <p>Validation Accuracy: 93.20%</p>	

3.	Fine Tunning Result(if Done)	Validation Accuracy -91.43%	
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