Project Development Phase
Model Performance Test

Date	20 November 2023
Team ID	Team-592945
Project Name	End-to-end deep learning project for detecting melanoma diseases
Maximum Marks	10 Marks

Model Performance Testing:

S.No.	Parameter	Values	Screenshot
1.	Metrics	**Classification Model:** Confusion Matrix - , Accuray Score-	Confusion Matrix: [[1 0 0 0 12 1 0 0 0] [3 9 0 0 0 2 0 1 0] [0 5 3 3 1 2 0 1 0] [0 0 0 2 8 3 0 0 0] [0 0 0 1 13 2 0 0 0] [0 2 2 1 1 5 0 1 0] [0 0 0 3 0 0 0 0 0] [0 2 2 3 1 4 0 4 0] [0 0 0 0 0 0 0 0 2]] Accuracy Score: 36.79%

		Classification Report	Classification Report: precision recall f1-score support actinic keratosis 0.25 0.07 0.11 14 basal cell carcinoma 0.50 0.60 0.55 15 dermatofibroma 0.43 0.20 0.27 15 melanoma 0.15 0.15 0.15 13 nevus 0.36 0.81 0.50 16 pigmented benign keratosis 0.26 0.42 0.32 12 seborrheic keratosis 0.00 0.00 0.00 3 squamous cell carcinoma 0.57 0.25 0.35 16 vascular lesion 1.00 1.00 1.00 2 accuracy 0.37 106 macro avg 0.39 0.39 0.36 106 weighted avg 0.37 0.37 0.33 106