Project Development Phase Model Performance Test

Date	29 JUNE 2025	
Team ID	LTVIP2025TMID38848	
Project Name	cleantech: transforming waste management	
	with transfer learning	
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.	Metrics	Regression Model: MAE - , MSE - , RMSE - , R2 score -	Training complete! Final Training Accuracy: 0.9229 Final Validation Accuracy: 0.8667 Model saved to: 'model/cleantech_vgg.h5'
		Classification Model:	D:\cleanTech>
		Confusion Matrix - , Accuray Score-	
		& Classification Report -	
2.	Tune the Model	Hyperparameter Tuning - Validation Method -	Training complete! Final Training Accuracy: 0.9229 Final Validation Accuracy: 0.8667 Model saved to: 'model/cleantech_vgg.h5' D:\cleanTech=