Project Development Phase Model Performance Test

Date	25 June 2025	
Team ID	LTVIP2025TMID35506	
Project Name	CleanTech:Transforming Waste	
	Management with Transfer Learning	
Maximum Marks	4 marks	

Model Performance Testing:

Project team shall fill the following information in model performance testing template.

S.No.	Parameter	Values	Screenshot
1.	Model Summary	We employ transfer learning by fine-tuning a pre-trained Convolutional Neural Network (CNN) such as MobileNetV2 or ResNet50 to classify waste images into categories: biodegradable, recyclable, electronic, and hazardous.	Frediction Fredic
2.	Accuracy	Training Accuracy – 94.6% Validation Accuracy -91.3%	Please (pload a water frage (s.ft 166, -166)) Please (pload a water frage (s.ft 166, -166)) Provided Streambor Street (s.ft 166, -166)) Uploaded Image: Streambor 9,mg to Streambor 9,mg Uploaded Image: Streambor 9,mg to Streambor 9,mg The street (s.ft 166, -166, -166, -166) Classification Result Protected Water Type: Class Too in a devicement result Resource and logs with a framed model for production.
3.	Fine Tunning Result(if Done)	Validation Accuracy -93.2%	MUNICIPAL WASTE CLASSIFICATION Cleanliness Detection This image likely contains Non-Blodegradable waste. (Blodegradable Images (I))