

Project Design Phase-I
Proposed Solution Template

Date	05 May 2023
Team ID	NM2023TMID08013
Project Name	Intelligent Garbage Classification using Deep learning
Maximum Marks	2 Marks

Proposed Solution Template:

Project team shall fill the following information in proposed solution template.

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	With the increase in the number of industries in the urban area, the disposal of the solid waste is really becoming a big problem, and the solid waste includes paper, wood, plastic, metal, glass etc.
2.	Idea / Solution description	Garbage waste is automatically identified and classified using Deep Learning.
3.	Novelty / Uniqueness	Automated system which is able to sort the waste.
4.	Social Impact / Customer Satisfaction	Garbage classification and identification can be easily obtained and Process that saves time and disease.
5.	Business Model (Revenue Model)	The proposed method was implemented using the combination of Convolutional Neural Network
6.	Scalability of the Solution	It can be used by the anyone for faster processing of identification with classification and can also be used for the separated wastes by recycled and converted to energy and fuel for the growth of the economy.