

# **Project Design Phase-I**

## **Solution Architecture**

Date	06 May 2023
Team ID	NM2023TMID01947
Project Name	Intelligent garbage classification using deep learning
Maximum Marks	4 Marks

### **Solution Architecture:**

Solution architecture is a complex process – with many sub-processes – that bridges the gap between business problems and technology solutions.

Its goal are to:

- To establish an Intelligent Garbage Classification using Deep learning with the necessary architecture.
- The designed methods sorts the waste into different categories with higher accuracy.
- To segregate the garbage into different types.
- This methods works in different phrases:  
Capturing of images,Collection of database,Pre processing of images,Training data,Testing data,Evaluation of model.

### **Example - Solution Architecture Diagram**

