

## Project Design Phase-I Solution Architecture

Date	27 october 2022
Team ID	PNT2022TMID37138
Project Name	Smart waste management system in metropolitan cities
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 goals are to:

- The sensor is placed so that it gives alert when garbage is full and uniqueness about this solution is we have a closing lid to avoid over full of trash, solution gives uniqueness to the existing system.
- This architecture contains a sensor inside the garbage bin where it measures the weight of the garbage and gives alert.
- This requires ultrasonic sensor which measures the weight.

### Solution Architecture Diagram:

