Project Design Phase-I
Solution Architecture

Date	04 October 2022
Team ID	PNT2022TMID32932
Project Name	Project - Smart Waste Management System For Metropolitan Cities
Maximum Marks	4 Marks

Solution Architecture Diagram:

WiFi /
LTE/3G

IoT Cloud

Real Time Cloud Monitoring
of Different Aspects of Bins

Smart Bins with
IoT Edge Nodes

Data Analysis and
User Interface

Collection of
the Wastes

Optimized Route for
Waste Collection