Project Design Phase-II
Solution Requirements (Functional & Non-functional)

Date	18 October 2022
Team ID	PNT2022TMID24197
Project Name	IoT Based Smart Management system for Metropolitan Cities
Maximum Marks	4 Marks

Functional Requirements:

Following are the functional requirements of the proposed solution.

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	User Registration	Registration through Form Registration through Gmail
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Web Application	Node-Red sevice
FR-4	Configure to Device	IBM Watson IoT Platform
FR-5	Database	MYSQL ,NOSQL
FR-6	Python Srcipt	IBM IoT Platform

Non-functional Requirements:

Following are the non-functional requirements of the proposed solution.

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	Help to locate and monitor the waste continuously
NFR-2	**Security**	Information is secured
NFR-3	**Reliability**	More Consistency and Dependability
NFR-4	**Performance**	Easy to monitor & dispose the waste
NFR-5	**Availability**	Available anytime and anywhere
NFR-6	**Scalability**	To exceed future demand