

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

Date	03 October 2022
Team ID	PNT2022TMID32675
Project Name	Project - Smart Waste 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	Graph	Graphs are shown from obtaining the data from the datasets
FR-4	Notification	Notification will be sent once the garbage box is cleaned
FR-5	Support	Anyone facing the problem can report the problem which will be solved immediately

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	They can check the periodic schedule table of the garbage box cleaning process
NFR-2	Security	As we are using credentials for login gives maximum security to the users
NFR-3	Reliability	It is reliable and gives the status of the present garbage level
NFR-4	Performance	The performance of the application is fast and works in the both mobile and web
NFR-5	Availability	The status of the garbage box will be available for every users
NFR-6	Scalability	It is scalable because we identified that the maximum load at which the system operates well