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

Date	28 June 2025
Team ID	LTVIP2025TMID60743
Project Name	Sustainable Smart City Assistant Using IBM Granite LLM
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 - Registration through LinkedIn
FR-2	User Confirmation	- Confirmation via Email - Confirmation via OTP
FR-3	User Login	- Login via Email & Password - Login via Gmail - Forgot Password / Reset Option
FR-4	Dashboard Features	- View Eco Tips - View Sustainability Score - Submit Feedback or Complaints

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	The system should be easy to use and understand for all types of users.
NFR-2	Security	User data must be protected using authentication, encryption, and secure access.
NFR-3	Reliability	The system should work correctly without failures or crashes during use.
NFR-4	Performance	The app should respond quickly (e.g., within 3 seconds for most actions).
NFR-5	Availability	The system should be available to users 99% of the time, with minimal downtime.
NFR-6	Scalability	The system should handle more users and data as the project grows.