

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

Date	27 June 2025
Team ID	LTVIP2025TMID21127
Project Name	Sustainable Smart City Assistant
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	Policy Management	Upload Policy Document Summarize Policy Content Search Policy Semantically
FR-4	Analytics Module	Upload KPI Data Forecast KPIs Detect Anomalies in Data

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	User-friendly interface for both citizens and administrators
NFR-2	Security	Secure access, API key management, and encrypted data storage
NFR-3	Reliability	System should be consistently available and stable

NFR-4	Performance	Content generation and search should complete under 3 seconds
NFR-5	Availability	System should be available 24/7 with minimum downtime
NFR-6	Scalability	System should support increasing number of users and data