Requiremental Analysis

Solution Requirements (Functional & Non-functional)

Date	25-06-2025
Team ID	LTVIP2025TMID48302
Project Name	ToyCraft tales: tableau's vision into toy manufacturer data
Maximum Marks	4 Marks

Functional Requirements (FR)

These are the essential actions or operations the system must perform:

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	*(To be defined based on project specifics, e.g., dashboard viewing, report generation)*	- View electricity consumption dashboards - Navigate between multiple dashboard pages
FR-4	*(To be defined, e.g., download visualizations, filter data, etc.)*	-Download visualizations as images - Export summary reports - Share dashboard link via social media or email

Non-Functional Requirements (NFR)

These define the **quality attributes** of the system:

NFR No.	Requirement	Description
NFR-1	**Usability**	The system must offer an intuitive interface, easy navigation, and accessibility.
NFR-2	**Security**	Must ensure secure login, data encryption, and protection against breaches.
NFR-3	**Reliability**	System should consistently perform without failure.
NFR-4	**Performance**	The system should handle data loads and render dashboards quickly.
NFR-5	**Availability**	The platform must be accessible 24/7 with minimal downtime.
NFR-6	**Scalability**	The system should support more users and data as the project grows.