

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

Date	31 January 2025
Team ID	LTVIP2025TMID50543
Project Name	Strategic Product Placement Analysis: Unveiling Sales Impact with Tableau Visualization
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	Dashboard & Visualization	View sales insights Apply product/category filters Drill-down product view
FR-4	Data Management	Upload new product data
FR-4	Data Management	Update existing records
FR-4	Data Management	Export reports (PDF/Excel)

**Non-functional Requirements:**

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

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	Interface should be intuitive, responsive, and easy to navigate for all users.
NFR-2	<b>Security</b>	Secure login system; role-based access control; data encryption.
NFR-3	<b>Reliability</b>	System should operate consistently and handle data errors gracefully.
NFR-4	<b>Performance</b>	Dashboards must load within 2 seconds for datasets under 10,000 records.
NFR-5	<b>Availability</b>	System should maintain 99.9% uptime with minimal downtime for maintenance.

NFR-6	<b>Scalability</b>	Capable of handling increasing user load and expanding dataset without failure.
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