

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

Date	21 July 2025
Team ID	PNT2025TMID10592
Project Name	I Revolution: A Data-driven Exploration of Apple's iPhone Impact in India
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	Admin Panel	Manage users View analytics Moderate content and flag reports
FR-4	Submit Feedback	Users can write feedback or report their frustrations
FR-5	Data Visualization Dashboard	Integrates interactive Tableau dashboards to show: <ul style="list-style-type: none">• iPhone sales trends (monthly/quarterly)• Profit analysis• Top-selling models• Sales by region (city/state-wise)• Customer feedback summary
FR-6	Filter Feature	Allow users to filter products by RAM, Price Range, Brand, Star Rating, Discount %
FR-7	User Login & Logout	Secure login and logout system for registered users

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	The website should be user-friendly, responsive, and easy to navigate for users of all ages.
NFR-2	Security	Ensure secure login, encrypted passwords, and protected access to user data and Tableau content.
NFR-3	Reliability	The system should run consistently with minimal downtime and accurate dashboard rendering.
NFR-4	Performance	Dashboards and web pages should load within 3 seconds under standard load conditions.
NFR-5	Availability	The website and dashboards should be accessible 24/7 with minimal maintenance time.
NFR-6	Scalability	The solution should support scaling up to

		accommodate more users, products, or new dashboards.
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