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

Date	19 FEB 2026
Team ID	LTVIP2026TMIDS24308
Project Name	iRevolution : A data-driven exploration of Apple's iPhone impact in India using Tableau
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	Interactive KPI Dashboard	Display revenue, units sold, active users and discount percentage filtered by year and region.
FR-2	Model & Specification Analytics	Allows users to compare iPhone models based on features like display size, battery type, RAM and camera.
FR-3	Quarterly Market Share Visualization	Displays brand-wise share in India across four quarters using Donut and Bar charts.
FR-4	Pricing Pattern Insights	Visualizes average price distribution and discount trends by feature and battery type.
FR-5	Geo-Map Representation	Shows Apple's regional performance across Indian states.
FR-6	Story-based Dashboard Navigation	Sequential story view explaining Apple's performance journey with narrative captions.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Dashboards are user-friendly, intuitive and responsive on various devices.
NFR-2	Security	Ensuring all uploaded datasets are stored locally or in secure cloud storage with restricted access.
NFR-3	Reliability	Dashboards should display data consistently without visual or data loss or misrepresentation.
NFR-4	Performance	Dashboards must load within 2-4 seconds even with filters applied.
NFR-5	Availability	Dashboards must be available via Tableau Public/Server with 99.9% uptime.
NFR-6	Scalability	The framework should support future data addition (e.g. new models or regions).