

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

Date	27 June 2025
Team ID	LTVIP2025TMID49167
Project Name	iRevolution_ 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	Data Acquisition	Collection of Apple iPhone sales and market data in India. Importing secondary data from industry reports, Statista, TRAI, etc.
FR-2	Data Cleaning and Preprocessing	Handling null values, removing duplicates, formatting for Tableau. Saving cleaned datasets into structured formats (CSV, Excel)
FR-3	Tableau Dashboard Development	Designing interactive dashboards to visualize KPIs, market trends, and region data. Filters for year, model, geography, and revenue comparisons
FR-4	Insight Generation	KPI-based cards, dynamic storytelling features, visual storytelling in Tableau. Region-wise impact breakdown and device segmentation visualization

**Non-functional Requirements:**

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Easy-to-use dashboard interface with drag-and-drop filters in Tableau
NFR-2	Security	Secure handling of proprietary or sensitive data, restricted access on Tableau Public
NFR-3	Reliability	Accurate data mapping and visual consistency across dashboards
NFR-4	Performance	Optimized Tableau views for faster rendering and responsive interaction
NFR-5	Availability	Dashboard accessible online 24/7 for users or reviewers
NFR-6	Scalability	Expandable structure to include future smartphone brands or time frames