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

Date	28 June 2025
Team ID	LTVIP2025TMID50169
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	User Interaction	View interactive Tableau dashboard Filter by model, price, rating, region
FR-2	Data integration	Import product data (from Excel/CSV) Auto-refresh dashboard (weekly updates)
FR-3	Analytics Insights	Compare model-wise ratings and prices Identify most popular regions/models
FR-4	Recommendation engine	Recommend iPhones by budget and usage Use filters: Price range, RAM, reviews

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Simple, intuitive Tableau dashboard; accessible on browser
NFR-2	Security	Only team members can upload/edit data
NFR-3	Reliability	Data sources (Excel, CSV) backed up and version controlled
NFR-4	Performance	Dashboard loads under 3 seconds for filtered views
NFR-5	Availability	Dashboard available 24/7 during project term
NFR-6	Scalability	Expandable to include Android phone data, new brands, or regions