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

Date	03 February 2026
Team ID	LTVIP2026TMIDS82607
Project Name	iRevolution:A Data-driven Exploration of Apple's iPhone Impact in India using Tableau
Maximum Marks	4 Marks

Functional Requirements:

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	Revenue Analysis	The system shall display annual iPhone revenue trends using interactive line charts.
FR-2	Market Penetration	The system shall visualize iPhone market penetration across different years in India.
FR-3	KPI Dashboard	The system shall display key performance indicators such as Total Revenue, Market Share, and Growth Rate.
FR-4	Story View	The system shall provide a Tableau Story for guided insight presentation.
FR-5	Web Access	The system shall allow dashboard access through Flaskbased web integration.

Non-functional Requirements:

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	The dashboard interface shall be user-friendly and easy to navigate for non-technical users.
NFR-2	**Security**	The system shall provide view-only access to dashboards (no unauthorized data modification).
NFR-3	**Reliability**	The system shall consistently display accurate data as published on Tableau Public.
NFR-4	**Performance**	The system shall load dashboards and apply filters within acceptable response time for smooth user experience.
NFR-5	**Availability**	The web application shall be accessible through a browser using the Flask-based UI.
NFR-6	**Scalability**	The solution shall support addition of new datasets (future years/models) without major redesign.