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

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| Date | 22/06/2024 |
| Team ID | LTVIP2025TMID48146 |
| 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.

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| FR No. | Functional Requirement (Epic) | Sub Requirement (Story / Sub-Task) |
| FR-1 | Dashboard Exploration | Filter iPhones by price, battery, RAM, storage |
| FR-2 | Model Comparison | Compare specifications between iPhone models |
| FR-3 | View Visual Trends | Access charts showing price and popularity trends |
| FR-4 | Access KPIs | Display total revenue, units sold, and average ratings |
| FR-5 | Web Access | Open dashboard from browser (responsive design) |

## Non-functional Requirements:

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

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| FR No. | Non-Functional Requirement |
| NFR-1 | Usability – Dashboard should be user-friendly with clean visual elements. |
| NFR-2 | Security – Data access through a secure dashboard interface. |
| NFR-3 | Reliability – The system should return accurate visual outputs based on filters. |
| NFR-4 | Performance – Visuals should load quickly without lag. |
| NFR-5 | Availability – Dashboard should be accessible online 24/7. |
| NFR-6 | Scalability – Should allow adding more brands or datasets in future. |