

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

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|---------------|---|
| Date          | 17 JUNE 2025  |
| Team ID       | LTVIP2025TMID49908  |
| Project Name  | Heritage Treasures:An In-Depth Analysis Of UNESCO World Heritage sites In 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            | Displays revenue, units sold, active users, and discount percentage filtered by year and region. |
| FR-2   | Model & Spec Analytics               | Allows users to compare models based on features .   |
| 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.                            |
| FR-5   | Geo-Map Representation               | Shows regional performance across Indian states.   |
| FR-6   | Story-Based Dashboard Navigation     | Sequential story view explaining 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  | Performance                | Dashboards must load within 3–5 seconds even with filters applied.               |
| NFR-2  | Scalability                | The framework should support future data addition (e.g., new models or regions). |

|       |                       |   |
|-------|-----------------------|---|
| NFR-3 | <b>Responsiveness</b> | Dashboard layout should be usable on laptops and projectors during presentations.               |
| NFR-4 | <b>Performance</b>    | The interface must be simple, readable, and require no technical background to explore.         |
| NFR-5 | <b>Usability</b>      | Use a dark theme with eye-comfort colors and clear legends to reduce user fatigue.              |
| NFR-6 | <b>Data Accuracy</b>  | Ensure calculations (KPIs, averages, comparisons) are correctly validated against source files. |