**Project Design Phase-II**

**Solution Requirements (Functional & Non-functional)**

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| Date | 28 June 2025 |
| Team ID | LTVIP2025TMID49827 |
| 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.

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| **FR No.** | **Functional Requirement (Epic)** | **Sub Requirement (Story / Sub-Task)** |
| FR-1 | Data Acquisition & Integration | The solution must be able to connect to and ingest data related to UNESCO World Heritage Sites. |
| FR-2 | Interactive Visualizations | An interactive world map displaying the location of all UNESCO World Heritage Sites. |
| FR-3 | Drill-down and Drill-through Capabilities | Users should be able to click on summary visualizations (e.g., a bar representing a country) to see the underlying sites. |
| FR-4 | Exporting and Sharing | Users should be able to export visualizations and data (e.g., to PDF, image, CSV). |
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**Non-functional Requirements:**

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

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| **FR No.** | **Non-Functional Requirement** | **Description** |
| NFR-1 | **Usability** | * Intuitive and easy-to-navigate interface. * Clear and concise labels, titles, and legends. |
| NFR-2 | **Security** | * If hosted on a server, appropriate user authentication and authorization mechanisms should be in place. * Data privacy considerations should be addressed. |
| NFR-3 | **Reliability** | * The dashboards should be stable and free from crashes or errors. * Data connections should be robust. |
| NFR-4 | **Performance** | * Dashboards and visualizations should load within 5 seconds for typical user interactions. * Filters and sorting operations should respond within 2-3 seconds. |
| NFR-5 | **Availability** | * Intuitive and easy-to-navigate interface. * Clear and concise labels, titles, and legends. |
| NFR-6 | **Scalability** | * The solution should be able to handle potential growth in the number of UNESCO sites and associated data without significant performance degradation. |