Project Design Phase-II

Solution Requirements (Functional & Non-functional)

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| Date | 31 January 2025 |
| Team ID | LTVIP2025TMID50416 |
| 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 | User Registration | Registration through Form |
| FR-2 | User Registration through | Giving Email |
| FR-3 | Explore Heritage Data | View interactive Tableau dashboards  Filter data by continent, country, type of heritage |
| FR-4 | User Interaction | Favorite subjects  Leave comments or reviews on sites  Share visualizations on social media |

# 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 interface for diverse user types; accessible layout for desktop |
| NFR-2 | **Security** | Secure login and encrypted user data |
| NFR-3 | **Reliability** | System should function without errors under normal usage conditions |
| NFR-4 | **Performance** | Tableau visualizations should load in less than 3 seconds under typical network conditions |
| NFR-5 | **Availability** | Platform should maintain 99.9% uptime annually |
| NFR-6 | **Scalability** | Able to support increasing number of users and data records, especially during global heritage events |