

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

Date	31 January 2025
Team ID	LTVIP2025TMID49538
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	Data Collection	Gather UNESCO WHS dataset from official sources Collect additional metadata like location, category, and year of inscription
FR-2	Data Cleaning & Preparation	Remove duplicates and null values Standardize country names and categories Format dates properly
FR-3	Data Visualization	Create interactive maps of UNESCO sites Design bar/line charts for trends by year Show distribution by category and region
FR-4	User Interaction & Filtering	Enable filters by year, country, and category Allow drill-down into site details Search functionality

**Non-functional Requirements:**

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

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	Dashboard should be intuitive and easy to navigate for users with minimal technical skills
NFR-2	<b>Security</b>	Protect dataset integrity and restrict editing to authorized users
NFR-3	<b>Reliability</b>	Ensure dashboard loads consistently without data errors
NFR-4	<b>Performance</b>	Dashboard should load visualizations within 3 seconds for standard dataset size
NFR-5	<b>Availability</b>	Accessible online 24/7 via Tableau Public
NFR-6	<b>Scalability</b>	Should handle larger datasets if UNESCO adds more heritage sites in future