

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

Date	31 January 2025
Team ID	LTVIP2025TMID51713
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	User Registration	Registration through Form Registration through Gmail Registration through LinkedIn
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Data Visualization	- Display heritage sites using Tableau - Use maps, charts, and graphs for visualization - Interactive dashboards with filters
FR-4	Data Upload & Management	- Upload UNESCO heritage data - Connect data to Tableau for live updates
FR-5	Analytical Insights	- Country-wise and category-wise analysis - Yearly trends of heritage site addition - Site type (Natural, Cultural, Mixed) analysis
FR-6	User Interaction	- Search by name, country, or type - Filter results dynamically

**Non-functional Requirements:**

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

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	Easy-to-use and clean user interface for better experience
NFR-2	<b>Security</b>	Ensure secure login and protect user data
NFR-3	<b>Reliability</b>	Dashboards should perform without crash or lag
NFR-4	<b>Performance</b>	Fast loading of visualizations (3–5 seconds)
NFR-5	<b>Availability</b>	24x7 access to dashboard for users and evaluators
NFR-6	<b>Scalability</b>	Should handle future data updates and site expansions smoothly