

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

Date	29 June 2025
Team ID	LTVIP2025TMID47973
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 & Integration	<ul style="list-style-type: none">Automate ingestion from UNESCO APIsCombine with geographic and tourism datasets
FR-2	Interactive Site Visualization	<ul style="list-style-type: none">Global map with site locations and categoriesTimeline of inscription dates
FR-3	Conservation Analysis	<ul style="list-style-type: none">Endangered status trends over timeFunding allocation visualizations
FR-4	Tourism Impact Dashboard	<ul style="list-style-type: none">Visitor statistics correlation with conservation statusEconomic impact by region
FR-5	Comparative Analysis	<ul style="list-style-type: none">Country/region comparison of site densityCultural vs. natural site distributions

Non-functional Requirements:

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

NFR No.	Non-Functional Requirement	Description
NFR-1	Performance	Dashboard should load within 3 seconds for 10,000+ data points
NFR-2	Security	Role-based access for researchers/conservationists/public
NFR-3	Usability	Intuitive filters for time period, region, and site type

NFR No.	Non-Functional Requirement	Description
NFR-4	Data Freshness	Monthly automated updates from UNESCO sources