

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

Date	26 July 2025
Team ID	PNT2025TMID09700
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	Dashboard Interactions	Apply filters (Region, Country, Type, Year) Drill down into site details Hover for tooltips & quick info
FR-4	Data Visualization	Display map with clickable site markers Bar charts for country-wise comparison Timeline chart for year-wise trend
FR-5	Search & Navigation	Search by site name or country Navigation buttons (Home, Dashboard, About)
	Export & Sharing	Export dashboard or charts as image/PDF Share link/embed dashboard

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Dashboard must be intuitive, filterable, and easy to navigate for all users
NFR-2	Security	Secure user login (for editable/dashboard admin), protected data export.
NFR-3	Reliability	Dashboard should load consistently and reflect the correct dataset
NFR-4	Performance	Visualizations should load quickly even with multiple filters applied.
NFR-5	Availability	Dashboard must be available 24/7 with minimal downtime for users across regions.
NFR-6	Scalability	Should support increasing data volume or new years of site data easily.