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

Date	21 June 2025
Team ID	LTVIP2025TMID49913
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	Search Heritage Sites	By region, name, country, or type
FR-4	Explore Site Details	View images, maps, descriptions, & criteria
FR-5	Interactive Experience	Access quizzes, 3D models, or AR views
FR-6	AI Site Recommandation	Suggest similar sites based on interaction history

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	Interface must be user-friendly for tourists and Students.
NFR-2	**Security**	Use HTTPS, JWT, and role-based access control
NFR-3	**Reliability**	Ensure consistent data availability from cloud services.
NFR-4	**Performance**	Quick loading via CDN;Optimize image & queries.
NFR-5	**Availability**	24x7 uptime using distributedcloud infrastructure.
NFR-6	**Scalability**	Support increasing data, users, & interactive modules.