

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

Date	2July2025
TeamID	LTVIP2025TMID48659
ProjectName	HeritageTreasures:AnIn-DepthAnalysisof UNESCO World Heritage Sites
MaximumMarks	4Marks

FunctionalRequirements:

Followingarethefunctionalrequirementsoftheproposedsolution.

FRNo.	FunctionalRequirement(Epic)	SubRequirement(Story/Sub-Task)
FR-1	DashboardAccess	Useraccesses dashboard via web
FR-2	DataExploration	Filterbyregion,category,year
FR-3	Visualization	Generatecharts: bar, treemap, forecast, maps
FR-4	ExportOptions	Downloadvisuals(PDF,PNG) for reports
FR-5	SiteInsights	Clickonsitefordetailedinfo popup or link
FR-6	SharingFeatures	Copylink/sharedashboard with others

Non-functionalRequirements:

Followingarethenon-functionalrequirementsoftheproposedsolution.

FRNo.	Non-FunctionalRequirement	Description
NFR-1	Usability	The dashboard should be intuitive and easy to navigate for all users.
NFR-2	Security	Data access should be secure and protect against unauthorized use.
NFR-3	Reliability	The dashboard should load and function consistently without failure.
NFR-4	Performance	Visualizations should load within 2 seconds of filter application.
NFR-5	Availability	The dashboard should be accessible 24/7 with minimal downtime.
NFR-6	Scalability	The system should handle increasing data volume and users efficiently.