

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

Date	28 June2025
Team ID	LTVIP2025TMID49408
Project Name	Heritage Treasures: An In-depth Analysis of UNESCO World Heritage
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 Import	Load housing dataset from Excel or CSV
FR-2	Filtering & Interaction	Filter by city, price range, property size
FR-3	Visualization Generation	Display bar charts, line graphs, heatmaps
FR-4	Comparison Feature	Allow comparison of multiple cities/areas
FR-5	Export/Download	Enable export of visuals to PDF or image
FR-6	Saved View	Allow saving filter settings for later reuse

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	The dashboard should be intuitive and easy to use for students, researchers, and heritage enthusiasts with no technical background.
NFR-2	Security	Any user interactions or data (if collected in the future) must be securely managed. Access is provided through Tableau Public with proper sharing settings.
NFR-3	Reliability	The dashboard should maintain 99% uptime to ensure continuous access for research and academic use.
NFR-4	Performance	Heritage visualizations (maps, filters, and charts) should load within 3 seconds for a smooth user experience.
NFR-5	Availability	The published Tableau dashboard must be accessible 24/7 via a stable public link.
NFR-6	Scalability	The system should handle increasing heritage data (more sites, countries, attributes) without performance drops.