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

Date	22 June 2025
Team ID	LTVIP2025MID50263
Project Name	Heritage Treasures
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	Collect UNESCO site data from official sources. Collect tourism statistics. Collect preservation and funding data
FR-2	Data Preprocessing	Clean and format site location data. Merge datasets for unified analysis. Create calculated fields
FR-3	Data Visualization	Create a world map of site distribution. Create visitor trends and funding charts. Build tables/graphs showing site risk levels.
FR-4	Dashboard Development	Design a multi-panel interactive dashboard in Tableau. Add filters (Region, Site Type, Risk Level, Year). Replace KPIs with treemaps/bar charts for summary insights.
FR-5	Storytelling with Dashboard	Arranging Visuals in logical story format. Include navigation or titles that guide the user through each insight step-by-step. Describing each dashboard detailedly in the description section.
FR-6	Insights & Export Options	Allow export to PDF or image for presentations. Provide summary insights based on filtered selections. Allows insights to be publicly accessible .

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 easy to use and understand, even for people who are not technical. Buttons, filters, and charts should be simple and clear so users can quickly find the information they need.
NFR-2	**Security**	The data we use should come from trusted sources. If the dashboard is shared online or within an organization, it should have basic protection so that only the right people can access or edit it.
NFR-3	**Reliability**	The dashboard should always show the correct data. Even when users apply filters or change views, the charts and numbers should update properly without any errors.
NFR-4	**Performance**	The dashboard should work smoothly and load quickly. Even if the dataset is large or multiple filters are used, the visuals should not lag or slow down.
NFR-5	**Availability**	The dashboard should be ready to use whenever needed - for analysis, presentations, or decision-making. It should be accessible from any device with Tableau or online if published.
NFR-6	**Scalability**	In the future, if we add more data like new sites, years, or details, the dashboard should still work well. We shouldn't need to start from scratch to add new information.