Project Design Phase-II
Data Flow Diagram & User Stories
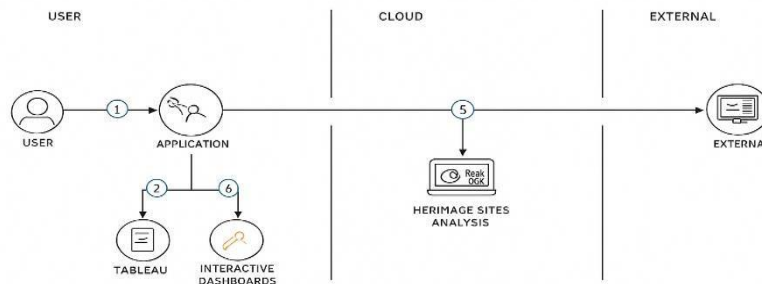
Date	29 June 2025
Team ID	LTVIP2025TMID50950
Project Name	Heritage Treasures: An In-Depth Analysis of UNESCO World Heritage Sites in Tableau
Maximum Marks	4 Marks

Data Flow Diagrams:

A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.
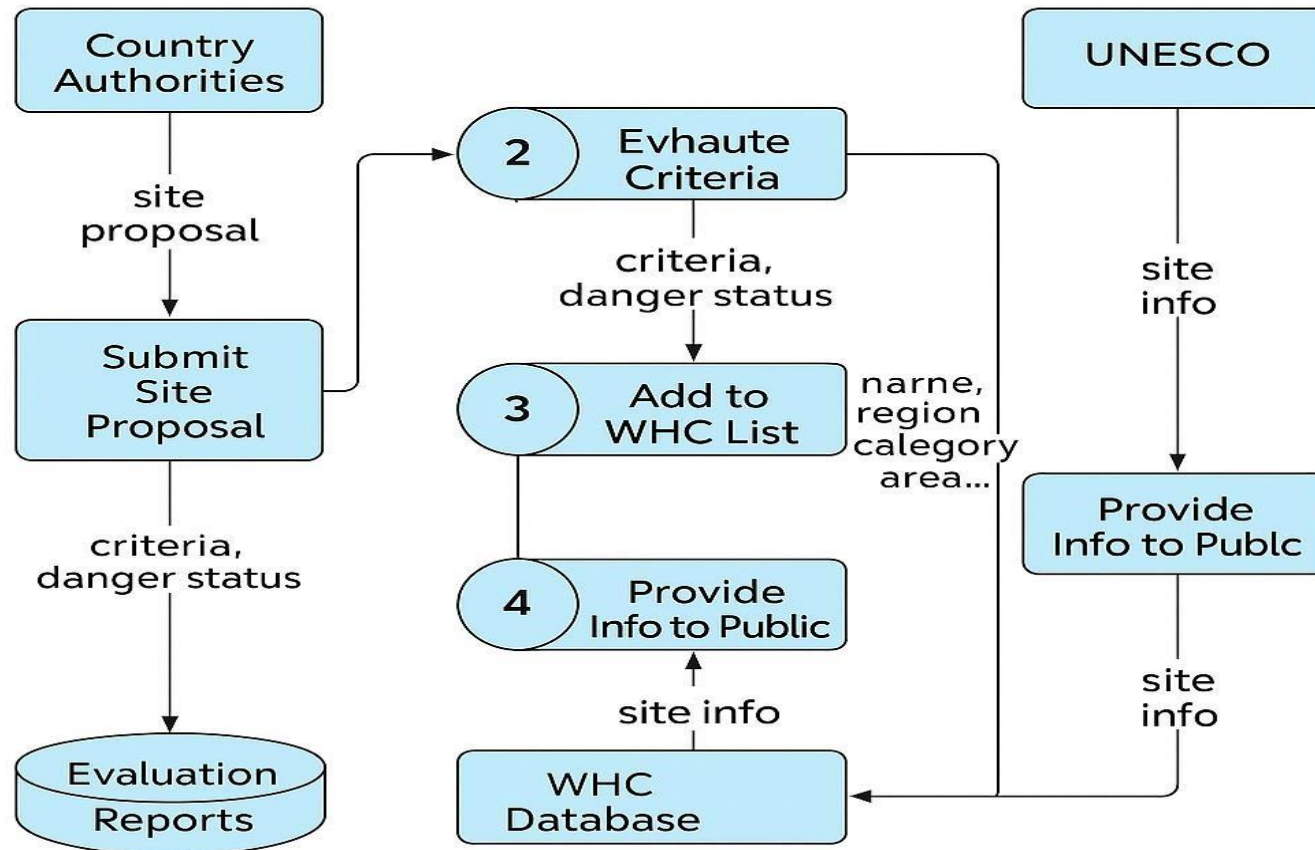
Example: (Simplified)

1. User configures Tableau and initializes data ingestion data ingestion.
2. User fetches UNESCO Heritage Sites dataset; data is cleaned and preprocessed
3. Prepared file is uploaded in Tableau, interactive dashboards created.
4. User filters data, observes geographiical, temporal trends through Tableau.

Example: iRevolution _ A Data-driven Exploration of Apple's iPhone Impact in India Data.

Sample: DFD Level 0 (Industry Standard)

User Stories

Use the below template to list all the user stories for the product.

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Analyst	Data Collection	USN-1	As an analyst, I can gather and import UNESCO Heritage Sites dataset	Dataset is imported and accessible	High	Sprint-1
Analyst	Data Preprocessing	USN-2	As an analyst, I can clean and structure the dataset for visualization	Dataset ready for Tableau use	High	Sprint-1
Analyst	Tableau Dashboard	USN-3	As an analyst, I can build interactive dashboards showcasing site trends	Dashboards present clear geographical, temporal, and category insights	High	Sprint-2
Viewer (User)	Filtered Exploration	USN-4	As a user, I can apply filters to analyze sites by region, type, and year	Visualizations update accurately as filters are applied	Medium	Sprint-2
Viewer (User)	Endangered Sites View	USN-5	As a user, I can easily identify endangered heritage sites globally	Endangered sites highlighted clearly on dashboards	Medium	Sprint-3