

Design Phase-II
Data Flow Diagram & User Stories

Project

Date	26 june 2025
Team ID	LTVIP2025TMID50160
Project Name	Heritage Treasures:An In -Depth Analysis of UNESCO World Heritage Sites in Tableau.
Maximum Marks	4 Marks

Data Flow Diagrams:

Purpose:

This diagram represents the entire analytics system as a single process, showing how external users interact with it.

External Entities:

- **Tourist (Web/Mobile User):** Interacts with dashboards to explore heritage sites.
- **Researcher:** Applies filters and exports data for analysis.
- **Administrator:** Uploads data, manages users, and configures dashboard permissions.
- **UNESCO Data Source:** Provides heritage site data (CSV, Excel, API).

Process:

- **Heritage Analytics System in Tableau**

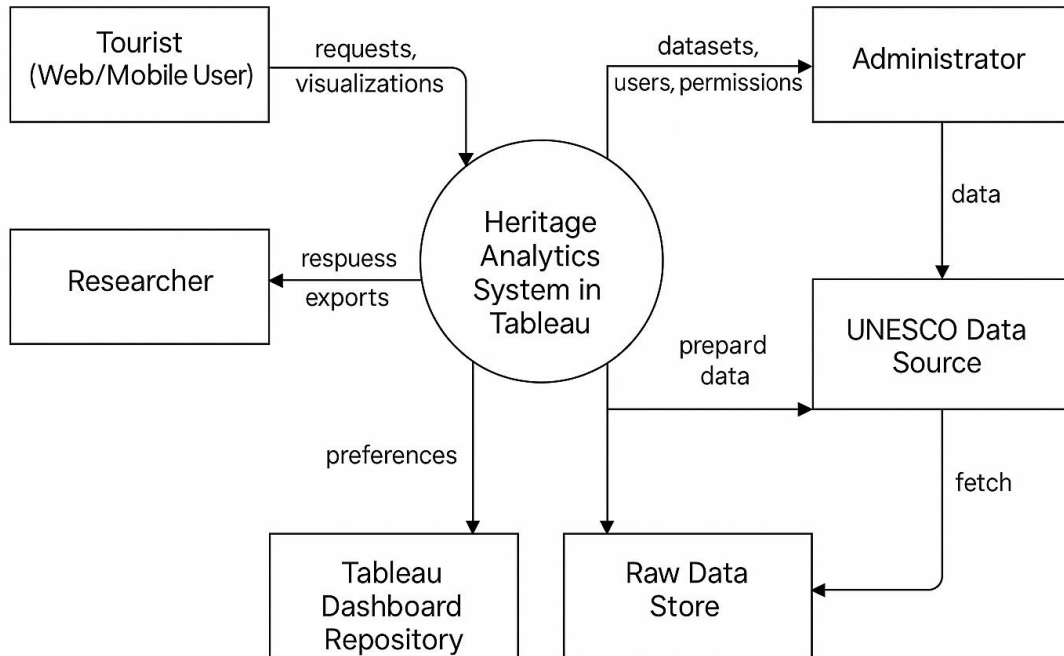
Data Stores:

- Tableau Dashboard Repository
- User Profile Database
- Raw Data Store

Data Flows:

- Users request and receive visualizations.
- Admins upload or modify datasets.

- Researchers export reports.
- System fetches data from UNESCO sources.



User Stories

Use the below template to list all the user stories for the Heritage Treasures

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Tourist(web User)	Site Exploration	USN-1	As a tourist,I can view a map of UNESCO sites by region or country.	Interactive map shows all sites with hover/click info by location	High	Sprint-1

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Tourist(Mobile user)	Mobile Access	USN-2	As a mobile user,I can view dashboards optimized for smaller screens.	Dashboards load properly on mobile without layout breaks.	High	Sprint-1
Researcher	Data filtering	USN-3	As a researcher ,I can filter sites by cultural /natural type and year of inscription.	Filter results dynamically update visualizations.	High	Sprint-1
Tourist(Web User)	Search Functionality	USN-4	As a user, I can search for the heritage sites by name.	Search returns relevant site entries with links to detailed views.	Medium	Sprint-2
Administrator	Data Upload	USN-5	As an admin ,I can upload new or updated UNESCO dataset CSVs to Tableau.	Data uploads successfully and reflects in dashboards after processing.	High	Sprint-1
Administrator	User Role Management	USN-6	As an admin,I can manage access levels for tourist,researcher	Different user types see only the dashboard	High	Sprint-2

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
			her, and adminusers.	s they are allowed to access.		
Researcher	Data Export	USN-7	As a researcher ,I can export site data and graphs to Excel or PDF.	Exported data matches on-screen visualizations accurately.	Medium	Sprint-2
Tourist(mobile user)	Bookmark Sites	USN-8	As a mobile user,I can bookmark heritage sites for later reference.	Book marked sites in user profile for future visits.	low	Sprint-3
Researcher	Time-Series analysis	USN-9	As a researcher I can view trends of site additions over decades.	Line/bar charts show trends by continent and category over time.	Medium	Sprint-2
Administrator	Scheduled dash board sharing	USN-10	As an admin,I can schedule dashboard reports to be sent weekly,Dashbo ard sharing.	Reports are automatically sent at defined times.	Medium	Sprint-3
Tourist (web User)	Cultural vs Natural	USN-11	As a Tourist ,I can compare cultural and	A dual-category chart	Medium	Sprint-2

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
	Comparison		natural sites by region.	visualizes counts and details of each type.		
Administrator	Audit Logs	USN-12	As an admin,I can view logs of who accessed dashboards and when.	Logs display usernames and timestamps for dashboard interactions	Medium	Sprint-3