

Project Design Phase-II Data Flow Diagram & User Stories

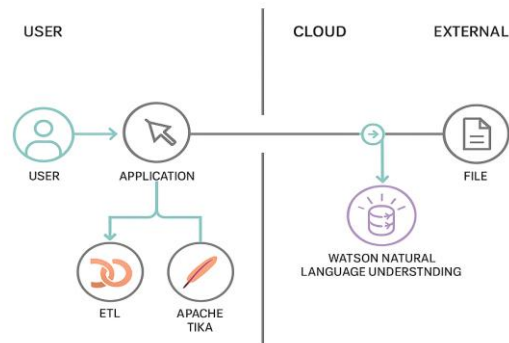
Date	28 th May 2025
Team ID	LTVIP2025TMID48210
Project Name	Heritage Treasures: An In-Depth Analysis of UNESCO World Heritage Sites (2019)
Maximum Marks	4 Marks

Data Flow Diagram (DFD) :

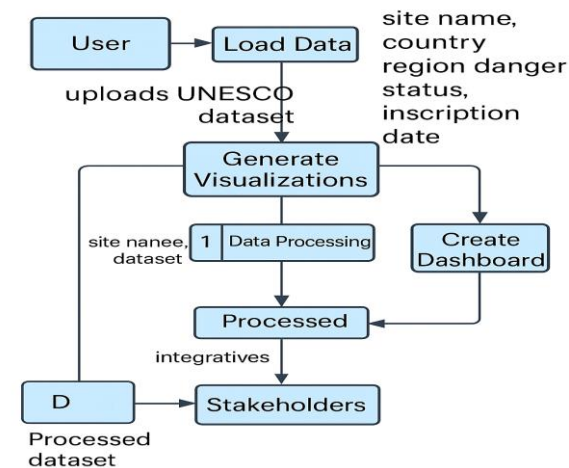
A Data Flow Diagram (DFD) is a graphical representation of the flow of data through a system, illustrating how input data is transformed into output results through various processes. The DFD Level 0, also known as the Context Diagram, provides a high-level overview of the entire system as a single process along with its external entities and data stores.

Flow:

Flow



DFD Level 0:



User Stories

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Heritage Officer	Site Distribution & Risk Analysis	USN-1	As a heritage officer, I can view a tree map showing the number of heritage sites per country so that I can identify countries with the most heritage sites.	Tree map displays countries proportionally by site count.	High	Sprint-1
		USN-2	As a heritage officer, I can view a pie chart showing the proportion of sites 'In Danger' versus 'Not in Danger' so that I can focus on vulnerable sites.	Pie chart accurately reflects danger status categories.	High	Sprint-1
		USN-3	As a heritage officer, I can view a line chart displaying heritage site inscription trends by region and year so that I can understand historical conservation trends.	Line chart plots inscriptions over years by region.	Low	Sprint-1
Researcher	Historical Data Analysis	USN-4	As a researcher, I can filter inscription data by year and region so that I can analyse specific trends for my studies.	Filters work for year and region, updating charts dynamically.	Medium	Sprint-2
		USN-5	As a researcher, I can export visualization reports so that I can include them in my research documentation.	Data export available in PDF/PNG format.	Medium	Sprint-2
Administrator	Data Management	USN-6	As an administrator, I can upload updated UNESCO heritage datasets so that the visualizations stay current..	Successful upload and automatic update of visualizations	High	Sprint-2