

Project Design Phase-II Data Flow Diagram & User Stories

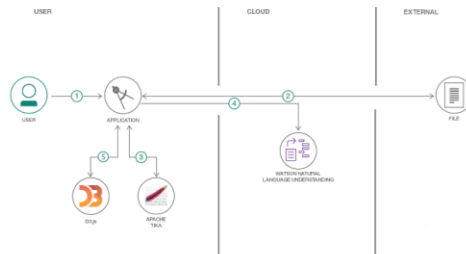
Date	01 July 2025
Team ID	LTVIP2025TMID49538
Project Name	Heritage Treasures: An In-Depth Analysis Of UNESCO World Heritage Sites In Tableau
Maximum Marks	4 Marks

Data Flow Diagrams:

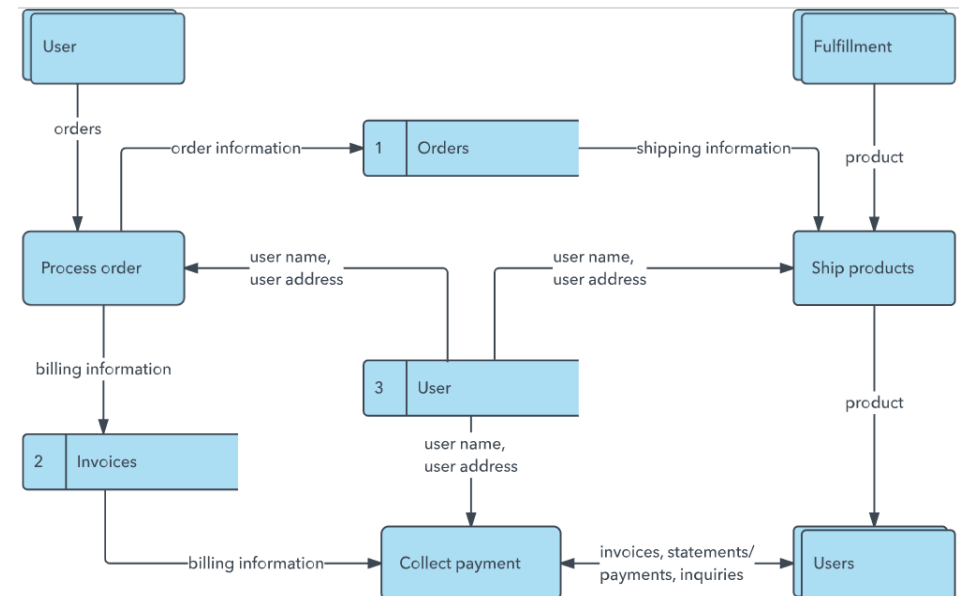
A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.

Example: (Simplified)

Flow



1. User configures credentials for the Watson Natural Language Understanding service and starts the app.
2. User selects data file to process and load.
3. Apache Tika extracts text from the data file.
4. Extracted text is passed to Watson NLU for enrichment.
5. Enriched data is visualized in the UI using the D3.js library.



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
Visitor (Web)	Data Exploration	USN-1	As a visitor, I can view interactive dashboards of UNESCO World Heritage Sites in Tableau.	I can filter and explore heritage site data by country, year, and category.	High	Sprint-1
Visitor (Web)	Search & Filter	USN-2	As a visitor, I can search for specific heritage sites by name or location.	Search results show accurate matches from the dataset.	High	Sprint-1
Researcher	Download Data	USN-3	As a researcher, I can download processed datasets for academic purposes.	Downloaded file matches the filtered data in the dashboard.	Medium	Sprint-2
Researcher	Compare Trends	USN-4	As a researcher, I can compare heritage site data over different time periods.	Comparison charts load accurately and update based on selected years.	Medium	Sprint-2
Administrator	Manage Data Updates	USN-5	As an admin, I can update the dataset with new UNESCO listings.	Updated data is reflected in Tableau within 24 hours.	High	Sprint-1
Administrator	Manage Users	USN-6	As an admin, I can manage access permissions for visitors and researchers	Users with correct roles can access appropriate features.	Medium	Sprint-3