

Project Design Phase-II

Data Flow Diagram & User Stories

Date	4 Feb 2026
Team ID	LTVIP2026TMIDS60231
Project Name	ToyCraft Tales: Tableau's Vision into Toy Manufacturer Data
Maximum Marks	4 Marks

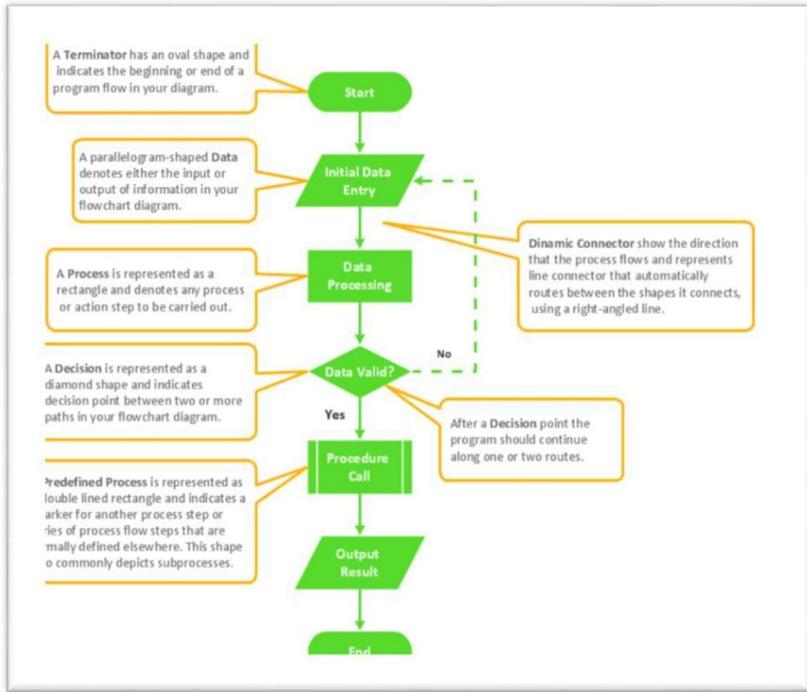
Data Flow Diagrams:

Data Flow Diagram (DFD) is a methodology of graphical structural analysis and information systems design, which describes the sources external in respect to the system, recipients of data, logical functions, data flows and data stores that are accessed. DFDs allow to identify relationships between various system's components and are effectively used in business analysis and information systems analysis. They are useful for system's high-level details modeling, to show how the input data are transformed to output results via the sequence of functional transformations. For description of DFD diagrams are uses two notations — Yourdon and Gane-Sarson, which differ in syntax. Online Store DFD example illustrates the Data Flow Diagram for online store, the interactions between Customers, Visitors, Sellers, depicts User databases and the flows of Website Information. ConceptDraw DIAGRAM enhanced with Data Flow Diagrams solution lets you to draw clear and simple example of DFD for Online Store using special libraries of predesigned DFD symbols.

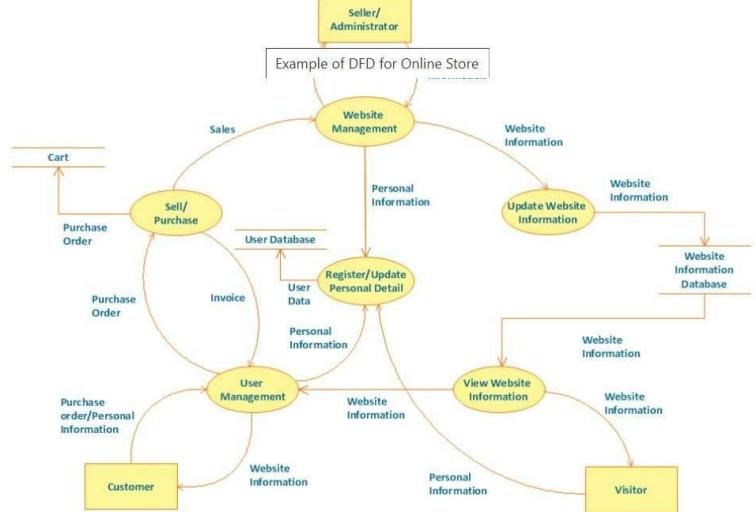
User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release

Data Analyst	Data Access	USN-1	As a data analyst, I can log into the Tableau dashboard using secure credentials..	I can securely access dashboard data	High	Sprint-1
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Example: (Simplified)



Example: DFD Level 0 (Industry Standard)



User Stories

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

	Dashboard Filtering	USN-2	As a data analyst, I can filter sales data by product, region, or date.	Filters work correctly and update	High	Sprint-1
	Exporting Data	USN-3	As a data analyst, I can export dashboard data into CSV or Excel for further analysis	Data is exported accurately	Medium	Sprint-2
Business Manager	KPI Monitoring	USN-4	As a manager, I can view key performance indicators (KPIs) such as revenue, product performance, and regional sales.	KPIs are clearly displayed and updated regularly	High	Sprint-1
	Trend Analysis	USN-5	As a manager, I can analyze sales trends over different time periods using line and bar charts.	Charts respond to input and show correct trends	Medium	Sprint-2
	Alerts & Notifications	USN-6	As a manager, I can receive alerts when sales drop below a threshold in a particular region.	Notifications are triggered based on predefined rules	Medium	Sprint-3
Executive (CLevel)	Strategic Overview	USN-7	As an executive, I can access a high-level summary of company performance across branches.	Dashboard displays concise, clear summaries	High	Sprint-1
	Regional Comparison	USN-8	As an executive, I can compare performance across branches and cities.	I can view comparative charts and tables	Medium	Sprint-2

	Export to Presentation	USN-9	As an executive, I can export charts and graphs directly for board presentations.	Exported visuals maintain design and data accuracy	Low	Sprint-3
System Administrator		USN-10		Role changes reflect immediately and	High	Sprint-1
	User Role Management		As an admin, I can manage user roles and permissions for dashboard access.	restrict/allow access as expected		
	Data Source Integration	USN-11	As an admin, I can integrate new data sources (Excel, SQL, etc.) into Tableau.	New data is correctly reflected in dashboards	High	Sprint-2
	System Monitoring	USN-12	As an admin, I can monitor system performance and usage statistics of the Tableau server.	I can view uptime, load time, and user activity logs	Medium	Sprint-3