Project Design Phase-II
Data Flow Diagram & User Stories

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Team ID	LTVIP2025TMID21215
Project Name	ToyCraft Tales: Tableau's Vision into Toy Manufacturer Data
Maximum Marks	5

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

USER   EXTERNAL

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 tn D3.js library.
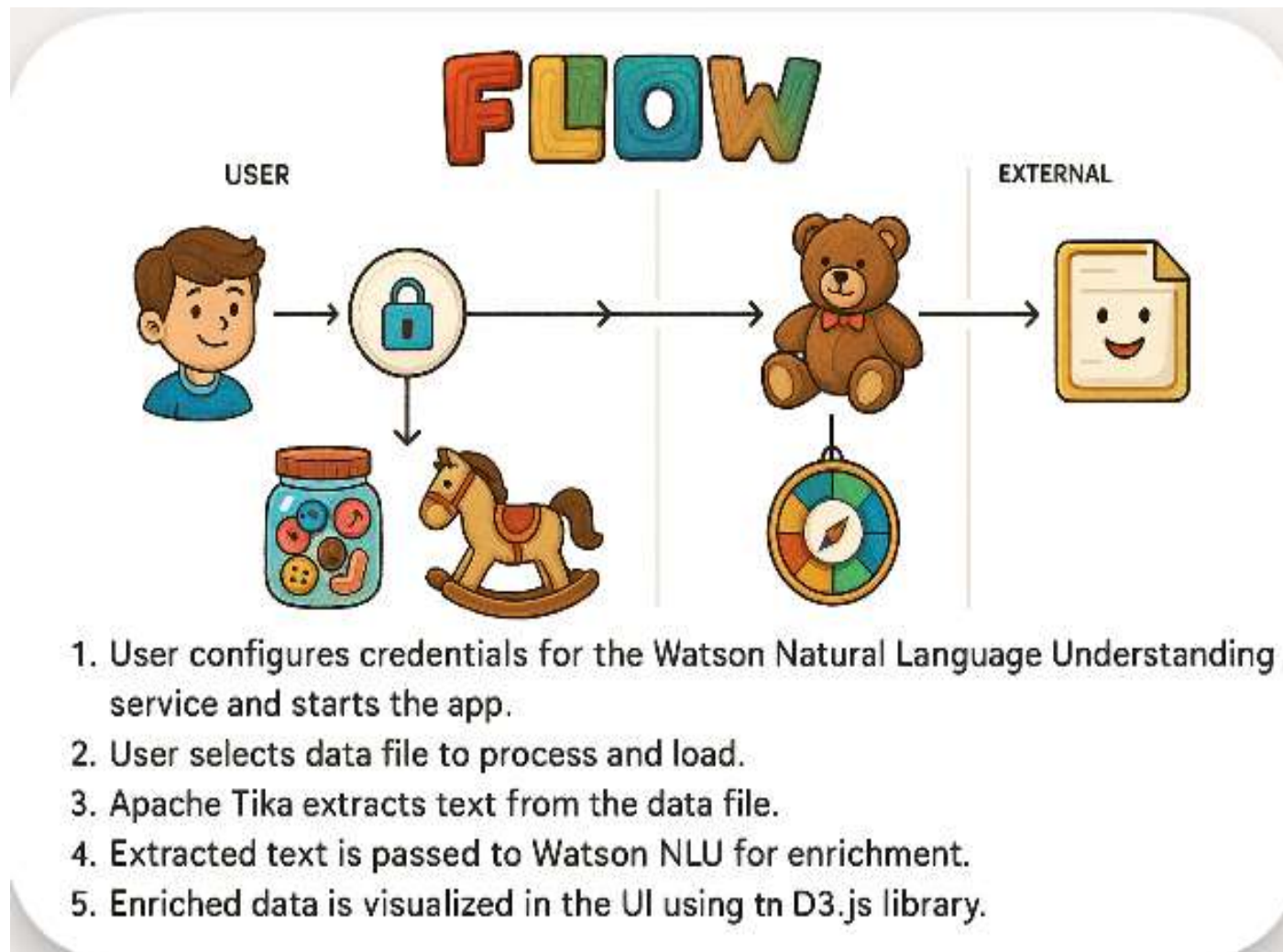
User Stories

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
Customer (Mobile User)	Registration	USN-1	As a user, I can register using my email, password, and confirm password.	I can access my ToyCraft account/dashboard.	High	Sprint-1
		USN-2	As a user, I receive a confirmation email upon registration.	I receive an email and click confirm.	High	Sprint-1
		USN-3	As a user, I can register using Facebook.	I can log in and access dashboard via Facebook.	Low	Sprint-2
		USN-4	As a user, I can register using Gmail.	I can log in using my Gmail account.	Medium	Sprint-1
	Login	USN-5	As a user, I can log in using my email and password.	I can access dashboard after login.	High	Sprint-1
	Dashboard	USN-6	As a user, I can view toy category performance, sales, and trends on a dashboard.	Dashboard shows charts, category performance, and price distribution.	High	Sprint-2
	Charging Station Map	USN-7	As a user, I can view nearby toy stores or retail sales regions on a map.	The map updates based on location.	Medium	Sprint-2
Customer (Web User)	EV Analytics Dashboard	USN-8	As a web user, I can compare toy brands by category, pricing, and sales using graphs.	I see graphs like bar, bubble, and treemap.	High	Sprint-2
	Interactive Filters	USN-9	As a web user, I can filter data by region, toy type, or brand.	Filters apply instantly and update charts.	High	Sprint-2
	Download Reports	USN-10	As a web user, I can export dashboards as PDF reports.	PDF is downloaded and well formatted.	PDF is downloaded and formatted well.	Medium	Sprint-3
Customer Care Executive	Support View	USN-11	As a support agent, I can view queries or feedback on product sales or dashboard usage.	Ticket system or feedback log is visible.	Medium	Sprint-3

	Update Info	USN-12	As a support agent, I can request updates to toy product data.	Request is sent to admin.	Low	Sprint-3