

Project Design Phase-II Data Flow Diagram & User Stories

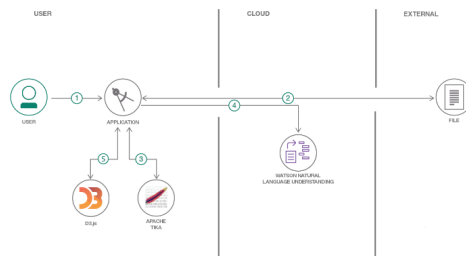
Date	27 June 2025
Team ID	LTVIP2025TMID54330
Project Name	Resolve: Your Platform For Online Complaints
Maximum Marks	4 Marks

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.

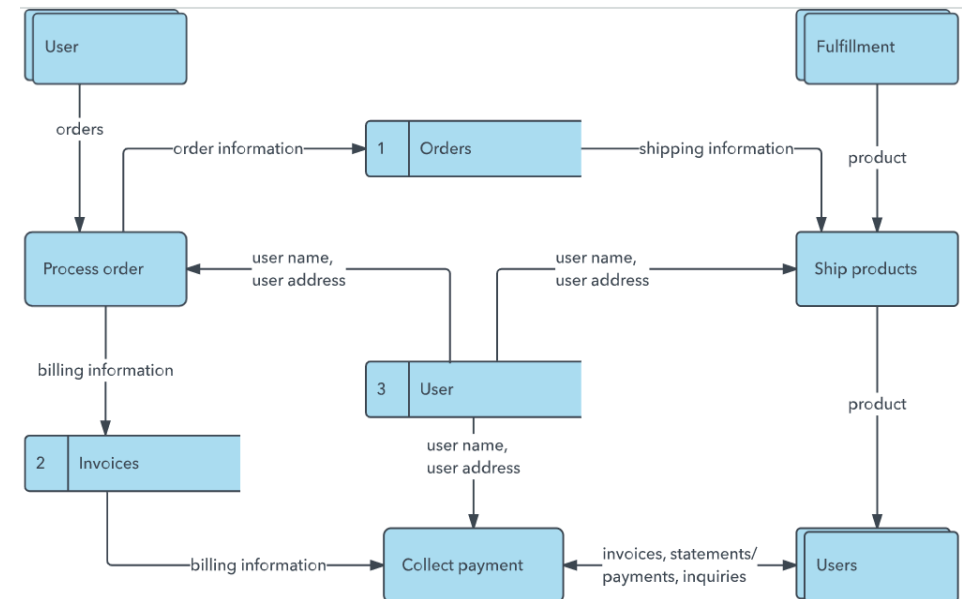
Example: [\(Simplified\)](#)

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.

Example: DFD Level 0 (Industry Standard)



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 for the application by entering my email, password, and confirming my password.	I can access my account / dashboard	High	Sprint-1
		USN-2	As a user, I will receive confirmation email once I have registered for the application	I can receive confirmation email & click confirm	High	Sprint-1
		USN-3	As a user, I can register for the application through Facebook	I can register & access the dashboard with Facebook Login	Low	Sprint-2
		USN-4	As a user, I can register for the application through Gmail		Medium	Sprint-1
	Login	USN-5	As a user, I can log into the application by entering email & password		High	Sprint-1
	Dashboard	USW-1	As a web user, I can see my dashboard after login.	Dashboard loads with user data.	High.	Sprint-1
Customer (Web user)		USW-2	As a user, I can update my profile info.	Profile changes are saved	Medium.	Sprint-2
Customer Care Executive	Support	UCC-1	As a support agent, I can view customer profile.	Agent sees accurate.	High.	Sprint-2
Administrator		UCC-2	As a support agent, I can send password reset emails.	Emails sent; links work.	Medium.	Sprint -2
Executive	Reporting	USE-1.	As an executive, I want a monthly summary	.Report shows total new users.	High.	Release-1
USE-2	As an executive, I want to visualize revenue trends.	month by month revenue.	Medium.	Release -2		