

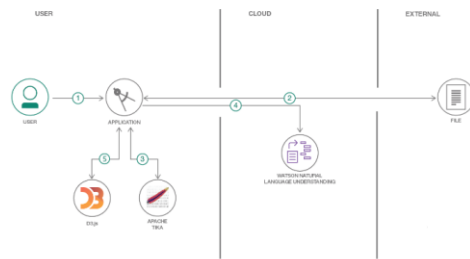
Project Design Phase-II Data Flow Diagram & User Stories

Date	24 June 2025
Team ID	LTVIP2025TMID21111
Project Name	FlightFinder:Your-Gateway-to-Seamless-Air-Travel
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.

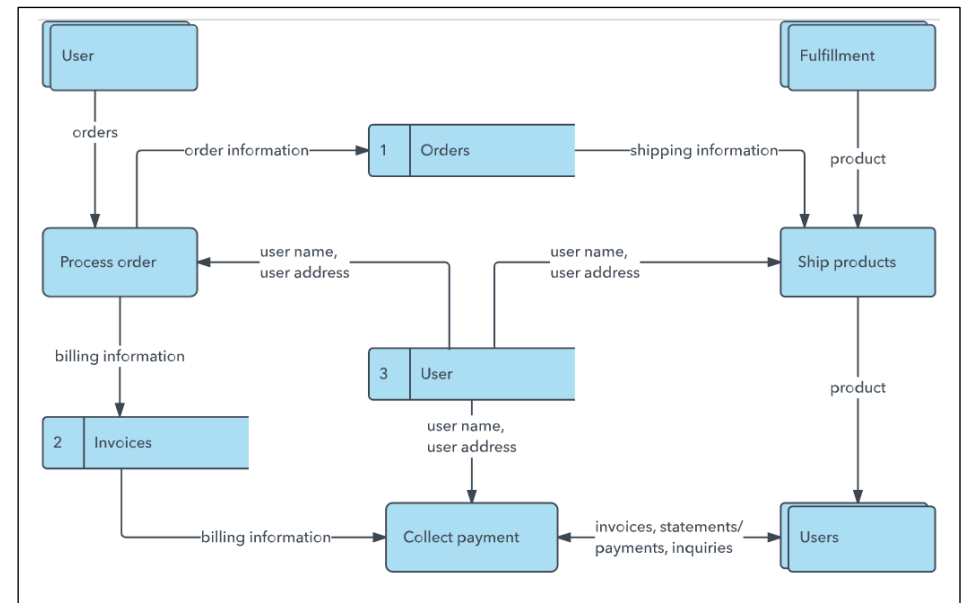
Flow



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: (Simplified)

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	I can register & access the dashboard with Gmail login	Medium	Sprint-1
	Login	USN-5	As a user, I can log into the application by entering email & password	I can successfully log in and access the dashboard	High	Sprint-1
	Dashboard	USN-6	As a user, I can view my profile, booking history, and notifications.	Dashboard loads with profile info, booking history, and alerts	High	Sprint-2
Customer (Web user)	Registration & Login	USN-7	As a user, I can register and log in via web using email & password.	I can register/login and reach the dashboard	High	Sprint-2
	Dashboard	USN-8	As a user, I can view and manage bookings through web dashboard	I can see all my booking data after logging in	High	Sprint-2

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer Care Executive	Dashboard	USN-9	As an executive, I can view and respond to user queries.	I can access query dashboard and mark queries.	Medium	Sprint-3
Administrator	Admin panel	USN-9	As an admin, I can manage users, flights, and view analytics.	I can access admin panel, modify data, and view reports	High	Sprint-3