

Project Design Phase-II Data Flow Diagram & User Stories

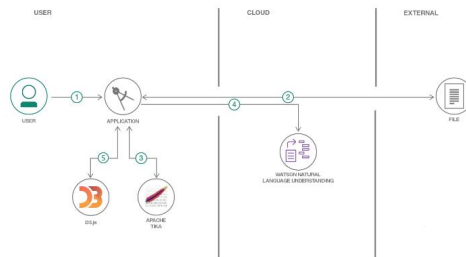
Date	31 January 2025
Team ID	LTVIP2025TMID53249
Project Name	FlightFinder: Navigating Your Air Travel Options
Maximum Marks	4 Marks

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.

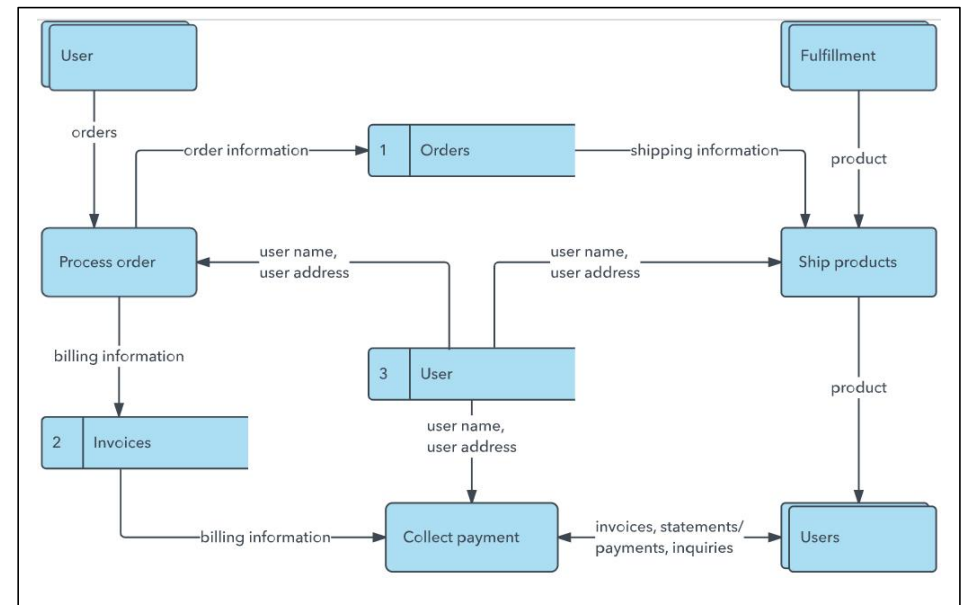
Example: [\(Simplified\)](#)

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
	Search Flights	USN-6	As a user, I can search for available flights by entering from, to, and date	I can see a list of flights matching my criteria	High	Sprint-1
Customer (Web user)	All above	USN-9	As a web user, I can access all the above functionalities via browser	I can register, log in, search, book, and view flights	High	Sprint-2
Customer Care Executive	View User Queries/Issues	USN-10	As a care executive, I can view and respond to customer support tickets	I can view and respond to tickets raised by users	Medium	Sprint-3
Administrator	Manage Flights	USN-11	As an admin, I can add, update, or delete flight details	I can manage flight information from admin dashboard	High	Sprint-2
	Book Flights	USN-7	As a user, I can book a selected flight	I can successfully book and receive confirmation	High	Sprint-2
	View All Bookings	USN-12	As an admin, I can view all bookings made by users	I can view booking records in the admin panel	Medium	Sprint-3
	Manage Users	USN-13	As an admin, I can manage user accounts (block, delete, etc.)	I can perform user actions from admin panel	Medium	