

Project Design Phase-II Data Flow Diagram & User Stories

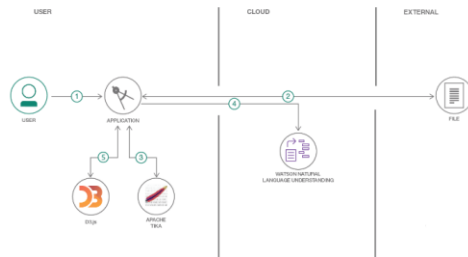
Date	15 October 2022
Team ID	PNT2022TMID20643
Project Name	Plasma Donor Application - Cloud Application Development
Maximum Marks	4 Marks

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.

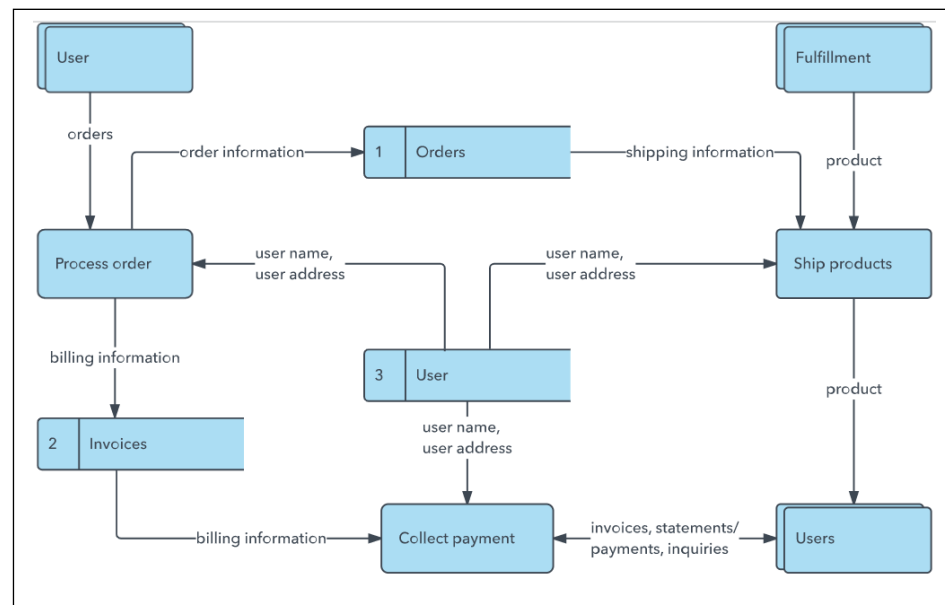
Example:

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

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Donor (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 Gmail	I can register and access the dashboard through Gmail also	Medium	Sprint-1
	Login	USN-4	As a user, I can log into the application by entering email & password	I can log on to the application through email id and password	High	Sprint-1
	Dashboard	USN-5	As a user, I can login and check for any received requests	Once I logged on the application I can view requests	High	Sprint-3
Donor (Web user)	Registration	USN-6	As a user, I can log on and register the application for the plasma donation	I can access my account / dashboard	High	Sprint-1
		USN-7	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
	Login	USN-8	As a user, I can log into the application by entering email & password	I can log on to the application through email id and password	High	Sprint-1
Donor - receiver care executive	Should contact the donor to get plasma on need of request	USN-9	As a executive and service operator of the service they should make sure that donation provided are properly send and received by the receiver and also closing the old requests.		High	Sprint-2
	Should monitor the request regularly whether a new request posted or not	USN-10	As a executive to provide a quality based service request maintenance is important for assisting if any assistance is needed for the user		High	Sprint-2
	View donation camps	USN-11	As a executive and service operator of the service the list of donor nearby should be clear in order to contact them in need.		High	Sprint-2