

Project Design Phase-II Data Flow Diagram & User Stories

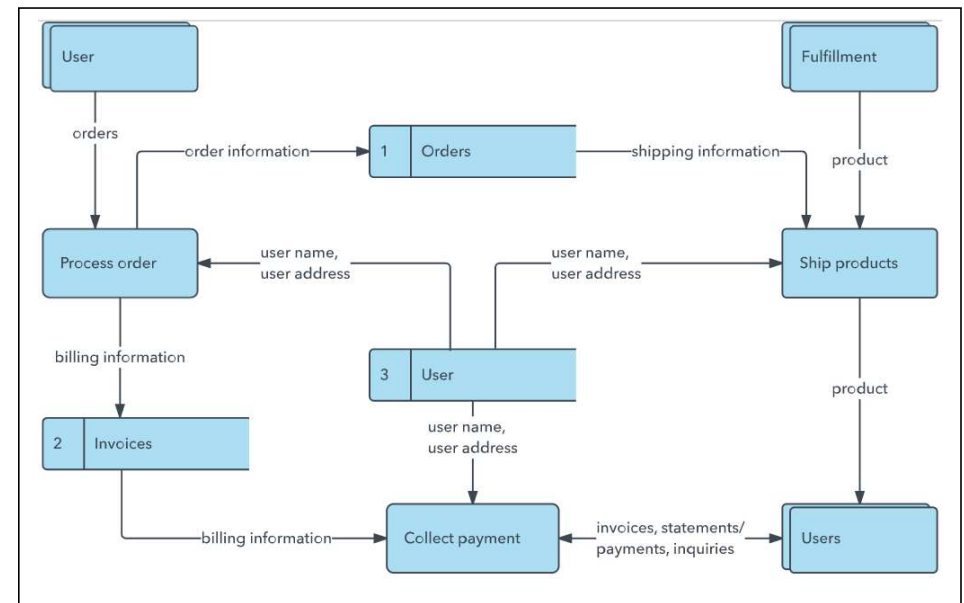
Date	16 October 2022
Team ID	PNT2022TMID28509
Project Name	Project – Fertilizer Recommendation system for Disease Prediction
Maximum Marks	4 Marks

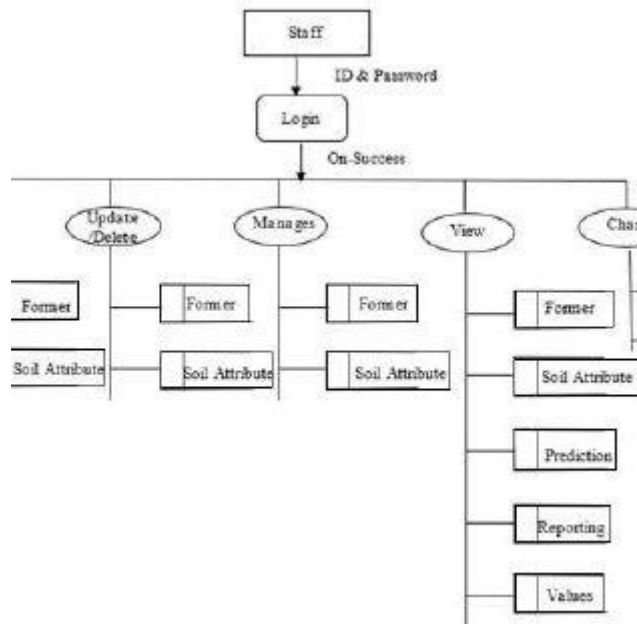
Data Flow Diagrams:

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.

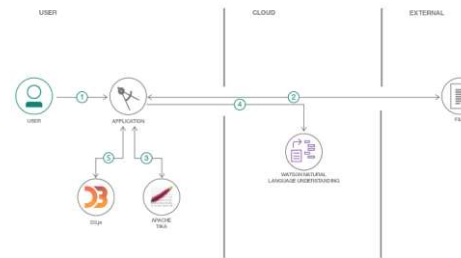
Example: [\(Simplified\)](#)

Example: DFD Level 0 (Industry Standard)





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.

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

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
	Dashboard	USN-6	As a user, can see the task obtained for their project	I can register and open the dashboard	High	Sprint-1
Customer (Web user)	Mobile Responsiveness	USN-7	A story that produces working code that has actual, demonstrable user value.	The conditions that a software product must meet to be accepted by a user, a customer, or other systems.	Low	Sprint-2
Customer Care Executive	Authentication	USN-8	As user, want to invite their friends and they do their work.	Applying the minimum amount of fertilizer necessary to maximize yield in the current year.	Medium	Sprint-1
Administrator	Transaction	USN-9	As a user, should transact their current payments.	User should accept the transaction	low	Sprint-2
	Handling	USN-10	As a user, should handle their project with correct manner	Team member should be ready to handle	Low	Sprint-2
	Business Rules	USN-11	As a user should know about the business rules.	I can handle the business rules.	Medium	Sprint-1
	Certification Requirement	USN-12	As a user, should need the certificate.	I can work for my project to get the certificate.	High	Sprint-1