Project Design Phase-II
Data Flow Diagram & User Stories
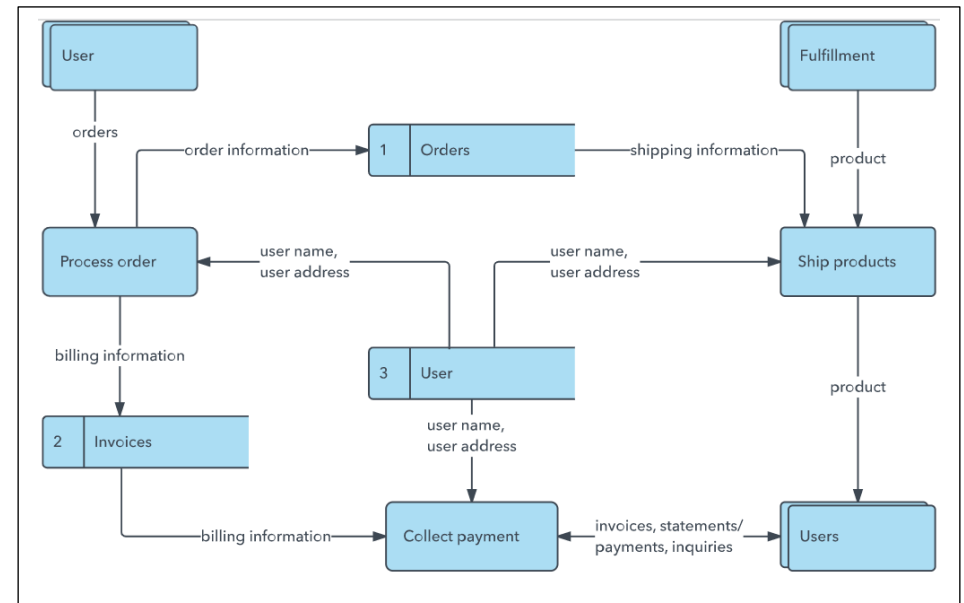
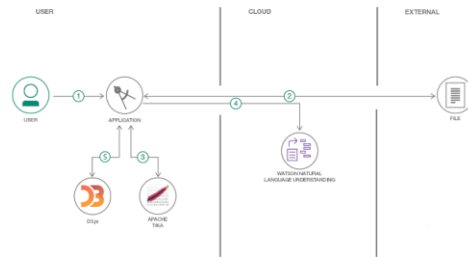| Date	03 October 2022
Team ID	PNT2022TMID03360
Project Name	Estimate The Crop Yield Using Data Analytics
Maximum Marks	4 Marks

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	I can able to go through the cart.	Medium	Sprint-1

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
	Login	USN-5	As a user, I can log into the application by entering email & password	I can reset my password .if I forgot my password	High	Sprint-1
	My account	USN-6	User can view my personal information and data.	I can edit my profile photo and email and I can logout from the application.	High	Sprint -1
Customer (Web user)	Registration	USN-7	As a user can register the application by using email, password, and confiming my password	In account I can upload profile photo and add my name.	Medium	Sprint - 1
Customer Care Executive	Communication	USN-8	As a user, I can communicate with the customers and provide support system for companies.	I can handle a good communication between customer and client. If customer have queries we will sort it out.	High	Sprint -1
Administrator	Chief Executive	USN -9	As an administrator ,I can modify the list of products .so I can adjust our offerings over time	Modify the product. Add or remove products. select a category for the products .modify category taxonomy	High	Sprint-1
Estimator	Estimation	USN-10	As a user ,i can see all the items we will try to estimate this session	I have a feel for the size of the various items in the product based	Medium	Sprint-1
Moderator	Mediator	USN-10	As a user, i can invite estimators by giving them a url where they can access the product	I can answer the question about the current product	High	Sprint -1