project Flow Diagram & User Stories
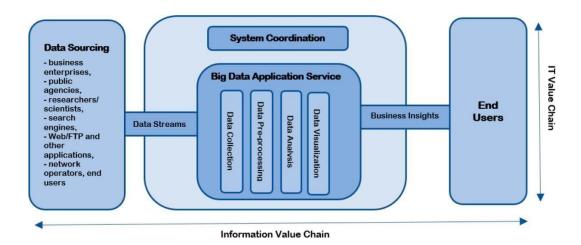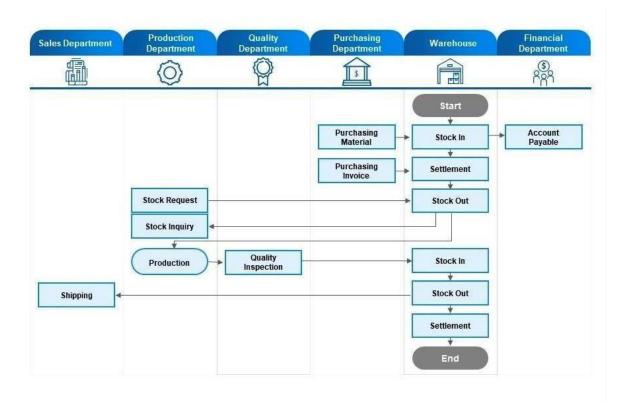
Date	03 October 2022
Team ID	PNT2022TMID51702
Project Name	Project - Retail Store Stock Inventory Analytics
Maximum Marks	4 Marks

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.

User Stories

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer-Retailer (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

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
		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 login into application using my credentials	High	Sprint-1
	Dashboard	USN-6	As a user, I can view my dashboard and can perform stock prediction and analysis	I can view my dashboard and perform necessary changes	High	Sprint-2
		USN-7	As a user I can view the list of categorized products and their details	I can view the products categorized based on their state	High	Sprint-2
		USN-8	As a user I can search through the product using barcode	I can search for the product to analyse its sales	Medium	Sprint-2
		USN-9	As a user I can generate reports based on product sales	I can generate the reports for the stock	High	Sprint-2
	Stock Prediction	USN-10	As a user I can predict out of stock and less stock for a product	I can do prediction analysis based on the report	High	Sprint-3
	Notification system	USN-11	As a user I can view notification for expired and out of stock products	I can be alerted on out of stock and expired products	High	Sprint-4
	Re-Ordering stock	USN-12	As a user I can reorder stocks based on predictions and notification	I can reorder stocks upon notification	High	Sprint-4
	Invoice generation	USN-13	As a user I can generate invoice calculating taxes, discount and calculate credits	I can generate invoice using barcode	High	Sprint-4
	Discount system	USN-14	As a user I can provide discount based on credit points	I can provide discounts to customers upon purchase	Medium	Sprint-4

Customer-Retailer (Web 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

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	Discount system	USN-14	As a user I can provide discount based on credit points	I can provide discounts to customers upon purchase	Medium	Sprint-4