

Project Design Phase-II

Data Flow Diagram & User Stories

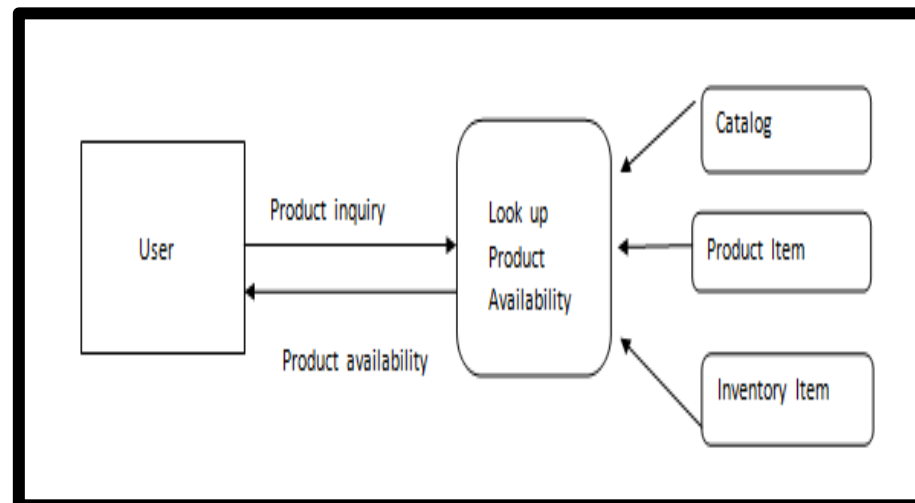
Date	17 October 2022
Team ID	PNT2022TMID38670
Project Name	RETAIL STORE STOCK INVENTORY ANALYTICS
Maximum Marks	4 Marks

Data Flow Diagrams:

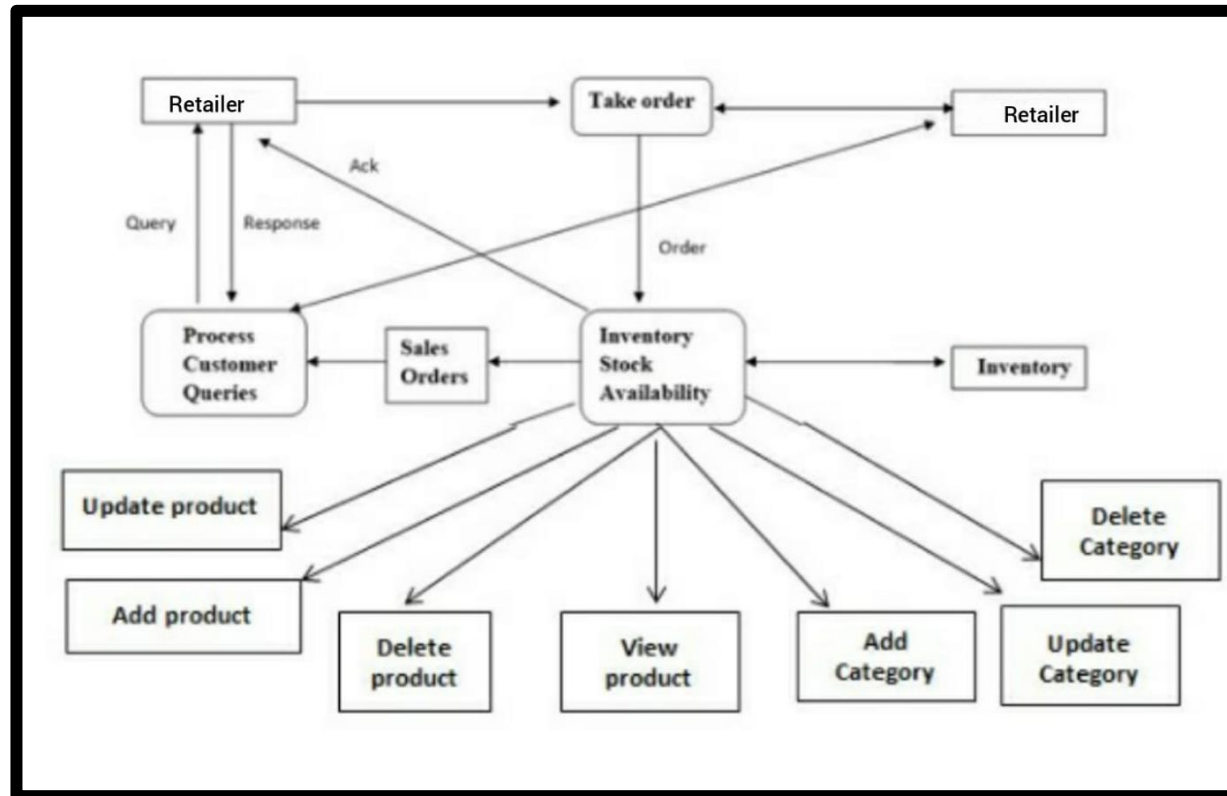
A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.

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

ZERO LEVEL DATA FLOW DIAGRAM



FIRST LEVEL DATA FLOW DIAGRAM



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
Retailer (Web user)	Login	USN-1	As a Retailer, I can log into the application by entering email and password (provided by developer)	I can access my account / dashboard	High	Sprint-1
	Add product	USN-2	As a Retailer, I will be able to add the product by entering their details (product name ,price and category)	I can view the added products by clicking the view products button.	High	Sprint-2
	Update product	USN-3	As a Retailer, I can able to update the product details by entering the product id (product id-known by clicking view product button. Generated by the system while adding)	I can update the product details.	Low	Sprint-2
	Delete product	USN-4	As a Retailer, I can able to delete the product as it is no longer needed by entering the product id (product id –known by clicking view product button ,Generated by the system while adding)	I can delete the product from the system.	Low	Sprint-2
	View product	USN-5	As a Retailer, I am able to view the list of products by clicking the view product button in the stocks tab.	I can view the list of products.	High	Sprint-2
	Add category	USN-6	As a Retailer, I am able to add category by entering category by selecting details(category name)	I can create a new category.	High	Sprint-1
	Update category	USN-7	As a Retailer, I am able to update the category details by selecting the category name.	I can update the category details.	Low	Sprint-1
	Delete category	USN-8	As a Retailer, I am able to delete the category details by selecting the category name as it is no longer needed.	I can delete the category if it is no longer needed.	Low	Sprint-1
	Order product	USN-9	As a Retailer, I am able to order the products by entering customer details, product id and quantity.	I can forecast the stocks needed by pre-ordering.	High	Sprint-2

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
	View summary	USN-10	As a Retailer, I can view the summary of the inventory such as total orders, stocks details and sales details	I can view the Total inventory details.	High	Sprint-2
	View Bills	USN-11	As a Retailer, I can view bills based on the amount ,date and customer.	I can view the Bills.	Medium	Sprint-2
	Add Employee	USN-12	As a Retailer, I can add employees by entering their details.	I can generate employee login credentials.	High	Sprint-3
	Update Employee	USN-13	As a Retailer, I can update the employee details by entering their id.	I can access the employee details.	Low	Sprint-3
	Delete Employee	USN-14	As a Retailer, I can Delete the employee as it is no longer needed.	I can delete the employee details.	Low	Sprint-3
	View Profile	USN-15	As a Retailer, I can view list of employees and their details by clicking the view profile button.	I can view the employees profile.	Medium	Sprint-3
	Notify on critical stock	USN-16	As a Retailer, I can view the notification(due to understock and overstock) via mobile phone and dashboard(Home page).	I am aware of understock and overstock.	High	Sprint-3
	Add daily purchase	USN-17	As a Retailer, I can add the daily purchase by entering the product ID and quantity.	I can keep track of stocks.	High	Sprint-3
	Login	USN-18	As a Retailer, I can log into the applications by entering email and password (provided by develops).	I can access the system.	High	Sprint-1
/	Order product	USN-19	As an Employee I am able to order the products by entering customer details, product id and quantity.	I can enter the pre-order details.	High	Sprint-4
	View summary	USN-20	As an Employee I can view the summary of the inventory such as total orders, stock details and sales details.	I can view the total inventory details.	High	Sprint-4
	View Bills	USN-21	As an Employee I can view bills based on the amount, amount, date and customer.	I can view the Bills.	Medium	Sprint-4
	Add daily purchase	USN-22	As an Employee I can add the daily purchase by entering the product ID and quantity.	I am aware of stock availability.	High	Sprint-4