

Project Design Phase-II

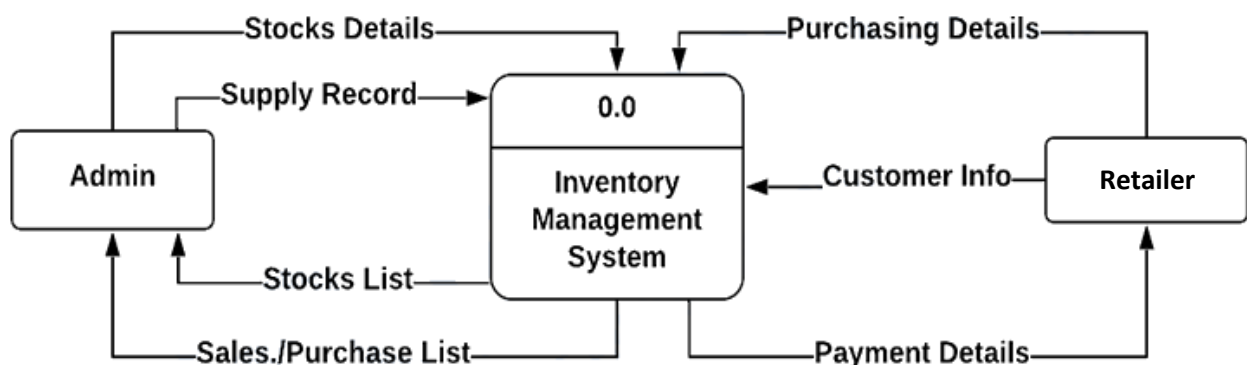
Data Flow Diagram & User Stories

Date	27 October 2022
Team ID	PNT2022TMID25500
Project Name	Project – Inventory Management System for Retailers.
Maximum Marks	4 Marks

Data Flow Diagrams:

A data flow diagram (DFD) maps out the flow of information for any process or system. It uses defined symbols like rectangles, circles and arrows, plus short text labels, to show data inputs, outputs, storage points and the routes between each destination. Data flowcharts can range from simple, even hand-drawn process overviews, to in-depth, multi-level DFDs that dig progressively deeper into how the data is handled. They can be used to analyze an existing system or model a new one. Like all the best diagrams and charts, a DFD can often visually “say” things that would be hard to explain in words, and they work for both technical and nontechnical audiences, from developer to CEO. That’s why DFDs remain so popular after all these years. While they work well for data flow software and systems, they are less applicable nowadays to visualizing interactive, real-time or database-oriented software or systems.

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 (Mobile user)	Registration	USN-1	As a retailer, I can register for the application by entering my email, password and confirmed password	I can access my account / dashboard	High	Sprint-1
		USN-2	As a retailer, I will receive confirmation email once I have registered for the application	I can receive confirmation email & click confirm	High	Sprint-2
		USN-3	As a retailer, I can register for the application through Facebook, Gmail	I can register & access the dashboard with Facebook Login, Gmail Login	Low	Sprint-3
		USN-4	As a retailer, I can register for the application through Gmail, Facebook	I can register for the application through Gmail	Medium	Sprint-2
	Login	USN-5	As a retailer, I can log into the application by entering username & password	I can log in by entering username & password	High	Sprint-1
	Dashboard	USN-6	As a retailer, I can track data of sales of products and inventory levels	I can track data of sales of products and inventory levels	High	Sprint-1
Retailer (Web user)	Registration	USN-7	As a retailer, I can register for the application by entering my email, password and confirmed password	I can access my account / dashboard	High	Sprint-1
		USN-8	As a retailer, I will receive confirmation email once I have registered for the application	I can receive confirmation email & click confirm	High	Sprint-2
		USN-9	As a retailer, I can register for the application through Facebook, Gmail	I can register & access the dashboard with Facebook Login, Gmail Login	Low	Sprint-3
		USN-10	As a retailer, I can register for the application through Gmail, Facebook	I can register for the application through Gmail	Medium	Sprint-2
	Login	USN-11	As a retailer, I can log into the application by entering username & password	I can log in by entering username & password	High	Sprint-1
	Dashboard	USN-12	As a retailer, I can track data of sales of products and inventory levels	I can track data of sales of products and inventory levels	High	Sprint-1
Customer Care Extension	Support	USN-13	As a Executive, I provide answers for the queries asked by retailer	I provide the answers for the queries asked by the users.	High	Sprint-1
Admin	Manage the Stocks	USN-14	As a admin, I manage the stocks y adding, shipping and storing he stocks in the storage units.	I manage the stocks by adding, shipping and storing the stocks in the storage units.	High	Sprint-1
	Control all the users	USN-15	As a admin, I can control all the retails by performing basic CRUD operations.	I can control all the retailers y performing basic CRUD operations.	High	Sprint-1
	Access the database	USN-16	As a admin, I can control and access the database	I can control and access the database.	High	Sprint-1