

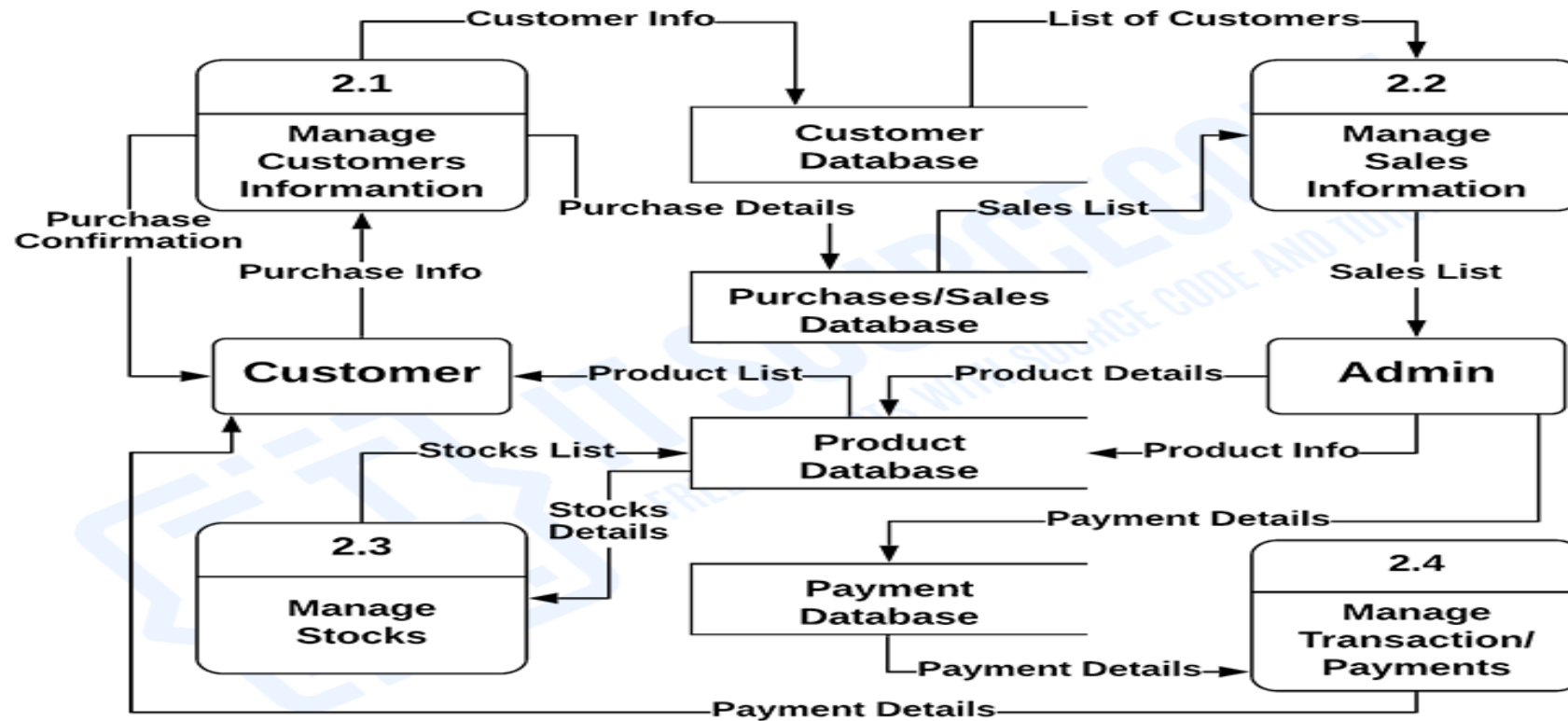
Project Design Phase-II
Data Flow Diagram & User Stories

Date	03 October 2022
Team ID	PNT2022TMID00278
Project Name	Inventory Management System for Retailers
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.

INVENTORY MANAGEMENT SYSTEM



DATA FLOW DIAGRAM LEVEL 2

User Stories

User Type	Functional Requirement	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
	Verification	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-1
		USN-4	As a user, I can register for the application through Gmail	I can login with registered email and password	Medium	Sprint-1
	Login	USN-5	As a user, I can log into the application by entering email & password	Inventory can be viewed once logged in.	High	Sprint-1
	Dashboard	USN-6	As a user, I can view the products that are available currently.	Inventory can be viewed once logged in	High	Sprint-2
	Stocks update	USN-7	As a user, I can add products which are not available in the inventory and restock the products.	When the products are not available, retailers can restock and update their inventory.	Medium	Sprint-2
	Sales prediction	USN-8	As a user, I can get access to sales prediction tool which can help me to predict better restock management of product.	The sales prediction tool should forecast the sales so that the users can order properly and retailers can predict the order to sell.	High	Sprint-2
Administrator	Request for customer care	USN-9	As a user, I am able to request customer care to get in touch with the administrators and clarify my doubts and problems.	Users can contact customer support and get help and service from administrators.	Low	Sprint-3
	Giving feedback	USN-10	As a user, I can suggest any new features that can be added.	Users get the option to give feedback for the app.	Low	Sprint-3