Project Design Phase-II
Data Flow Diagram & User Stories

| Date	17 October 2022
Team ID	PNT2022TMID48220
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.
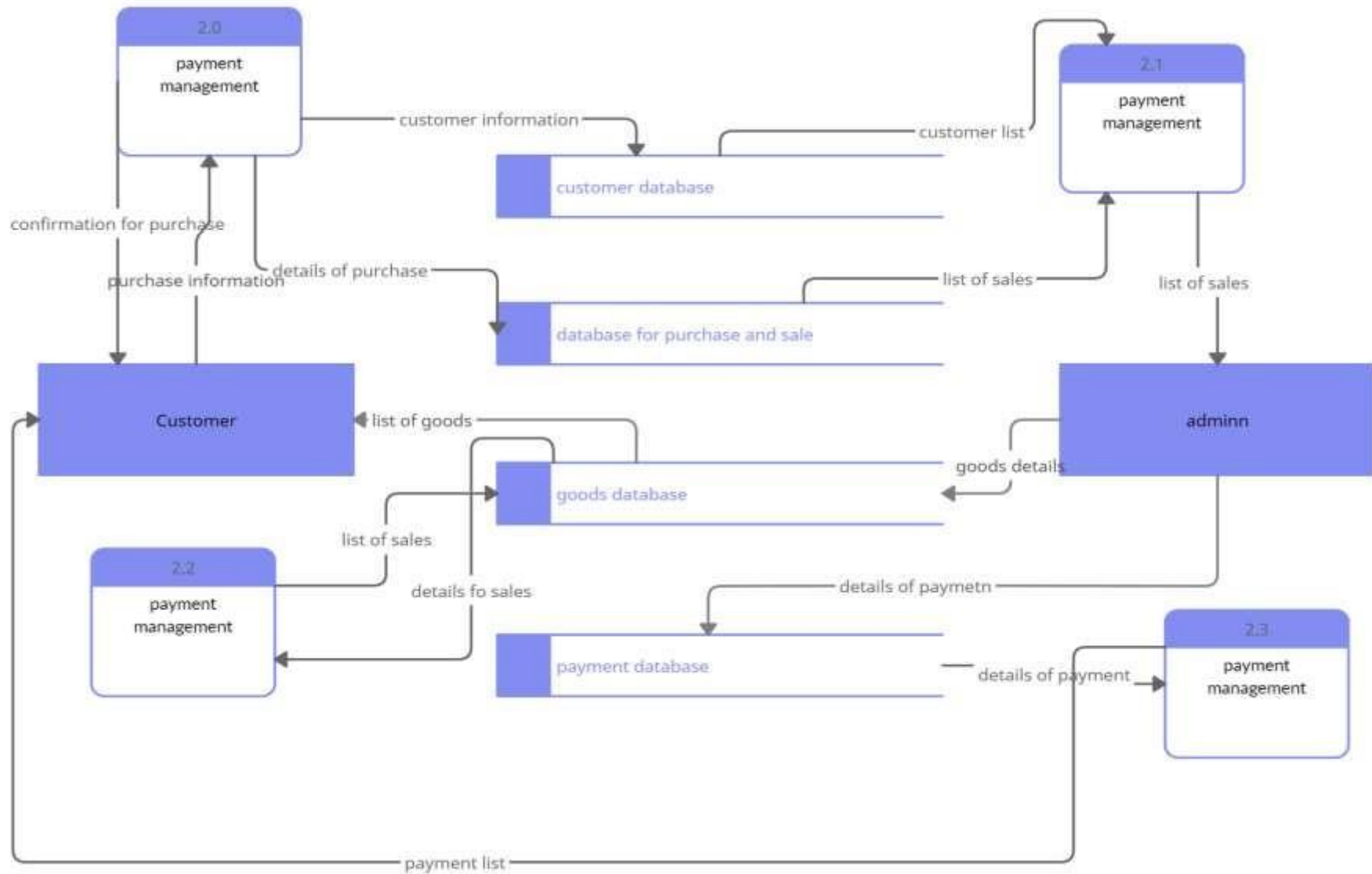
Level 0 Data Flow Diagram for inventory management system for retailers:
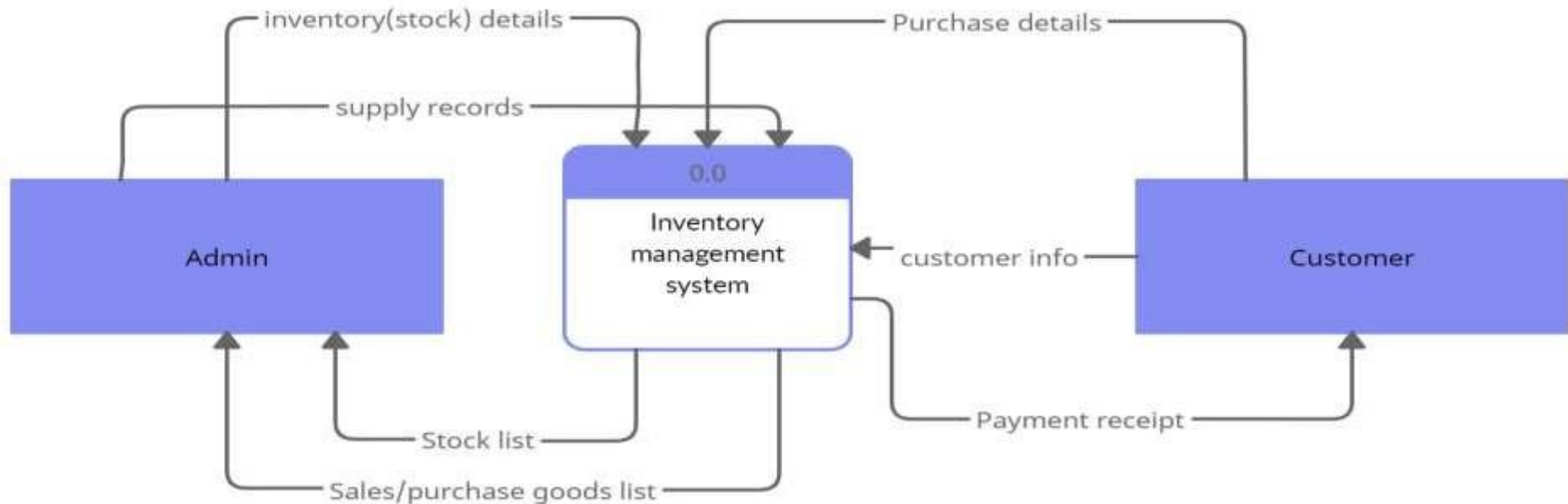
Level 1 Data Flow Diagram for inventory management system for retailers:
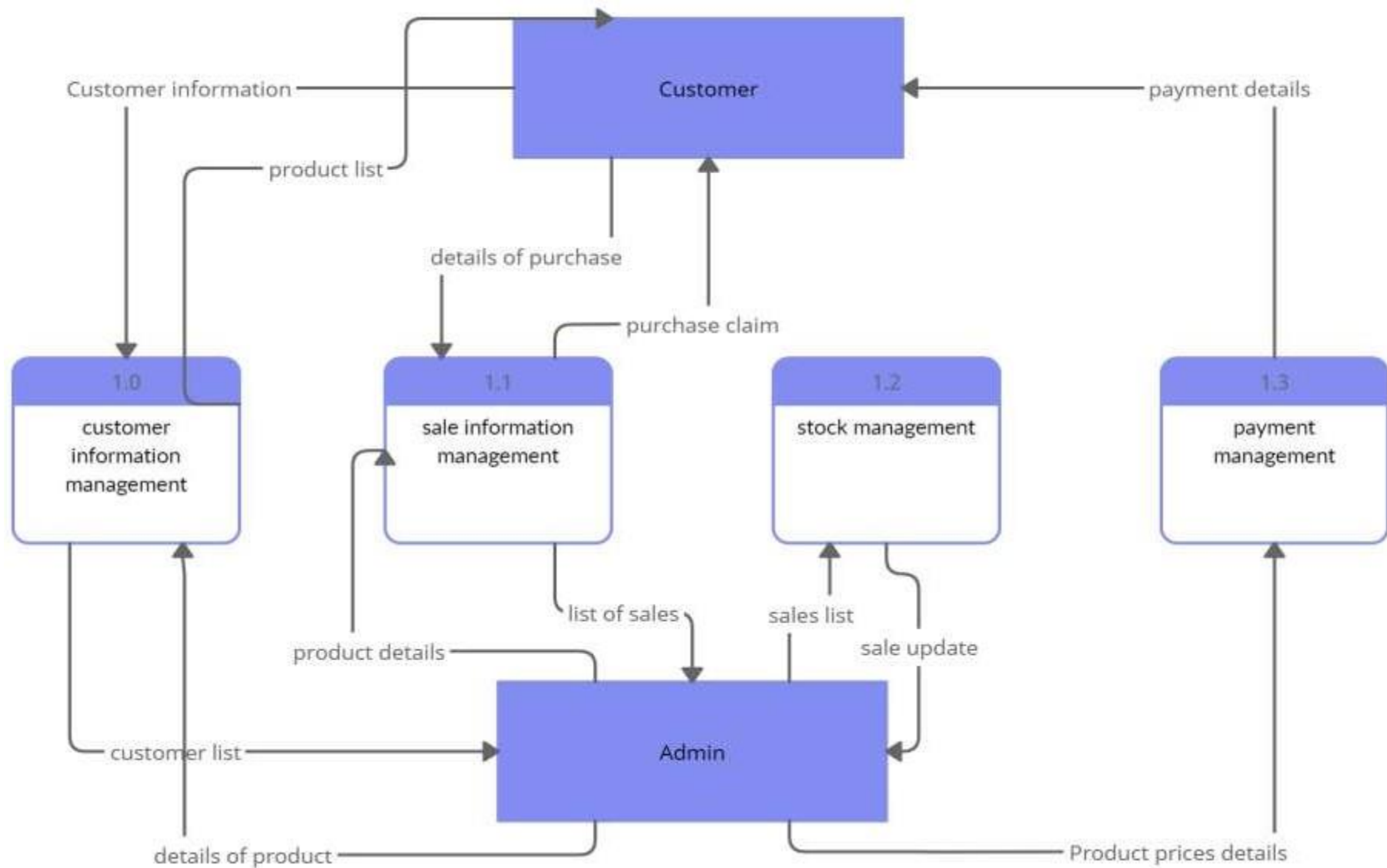
Level 2 Data Flow Diagram for inventory management system for retailers:

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 receive conformation email and click confirm button	Medium	Sprint-1
	Login	USN-5	As a user, I can sign in to the application by giving my email & password	I can access my account	High	Sprint-1
	Dashboard	USN-6	As a user, it displays the stock , current sale demand product	I can see available stock , daily sale	High	Sprint-2
Customer (Web user)	Application	USN-7	As a user, I can register, sign in, and shop the products simply	I can access account anywhere	High	Sprint-3
Customer Care Executive	Update inventory details	USN- 8	To monitor the track of inventory and availability	I can improve the productivity	High	Sprint-4
Administrator	Update purchased stock	USN-9	To update purchased goods in database	I can update the new purchased product	High	Sprint-3
Customer care executive	Customer feedback verification	USN-10	To get a clear understanding about our application and for the convenience of the user	I can fulfil the customer expectations	High	Sprint-4
	Inventory control	USN-11	To avoid stock overflow and run out	I can alert mail if stock run out	Medium	Sprint- 2
administrator	Quality checking	USN-12	To maintain the product and improving the customer relationship	I can improve my product quality	High	Sprint-4