

**Project Design Phase-II**  
**Data Flow Diagram & User Stories**

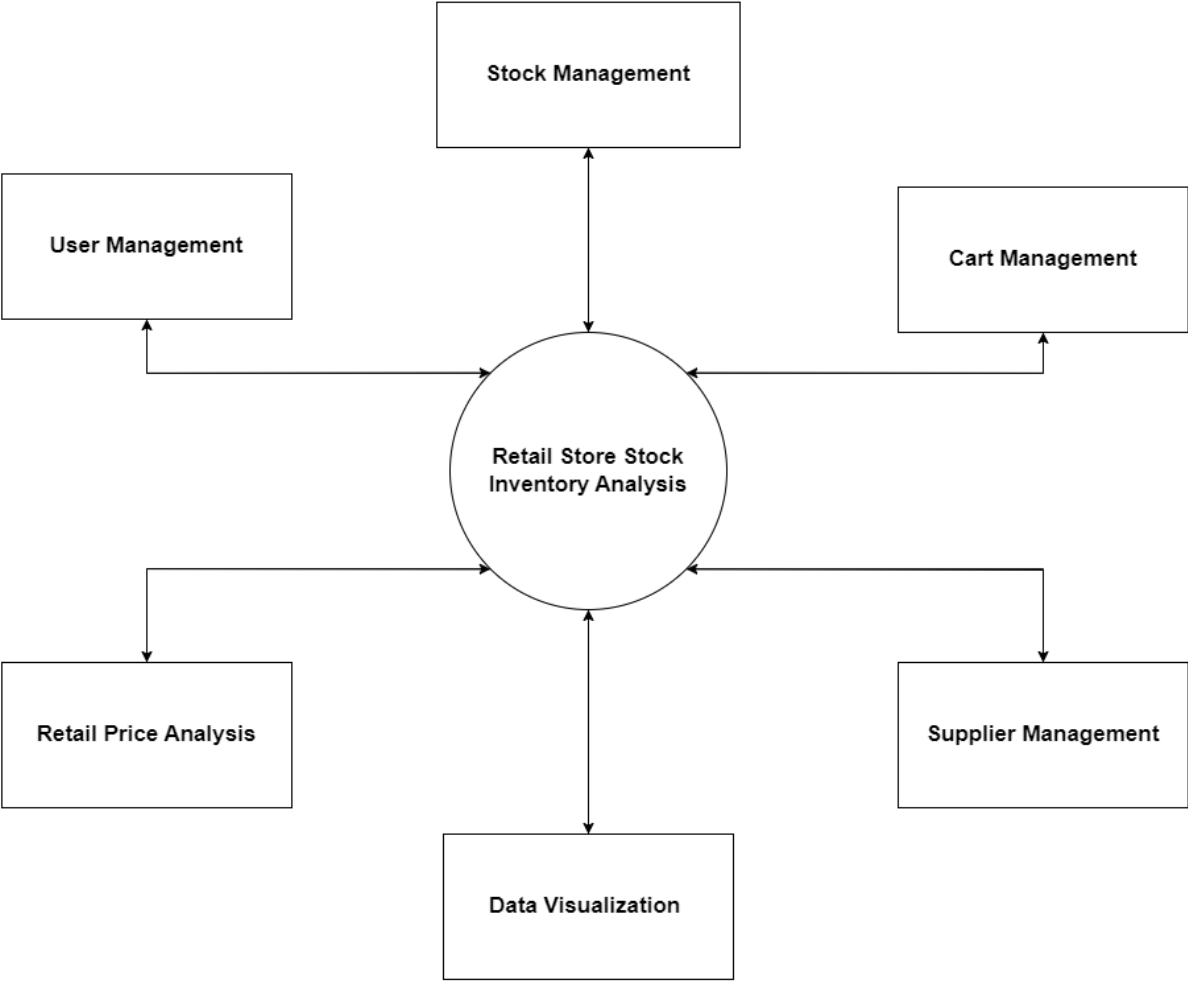
Date	03 October 2022
Team ID	PNT2022TMID21488
Project Name	Retail Store Stock Inventory Analytics
Maximum Marks	4 Marks

**Data Flow Diagrams:**

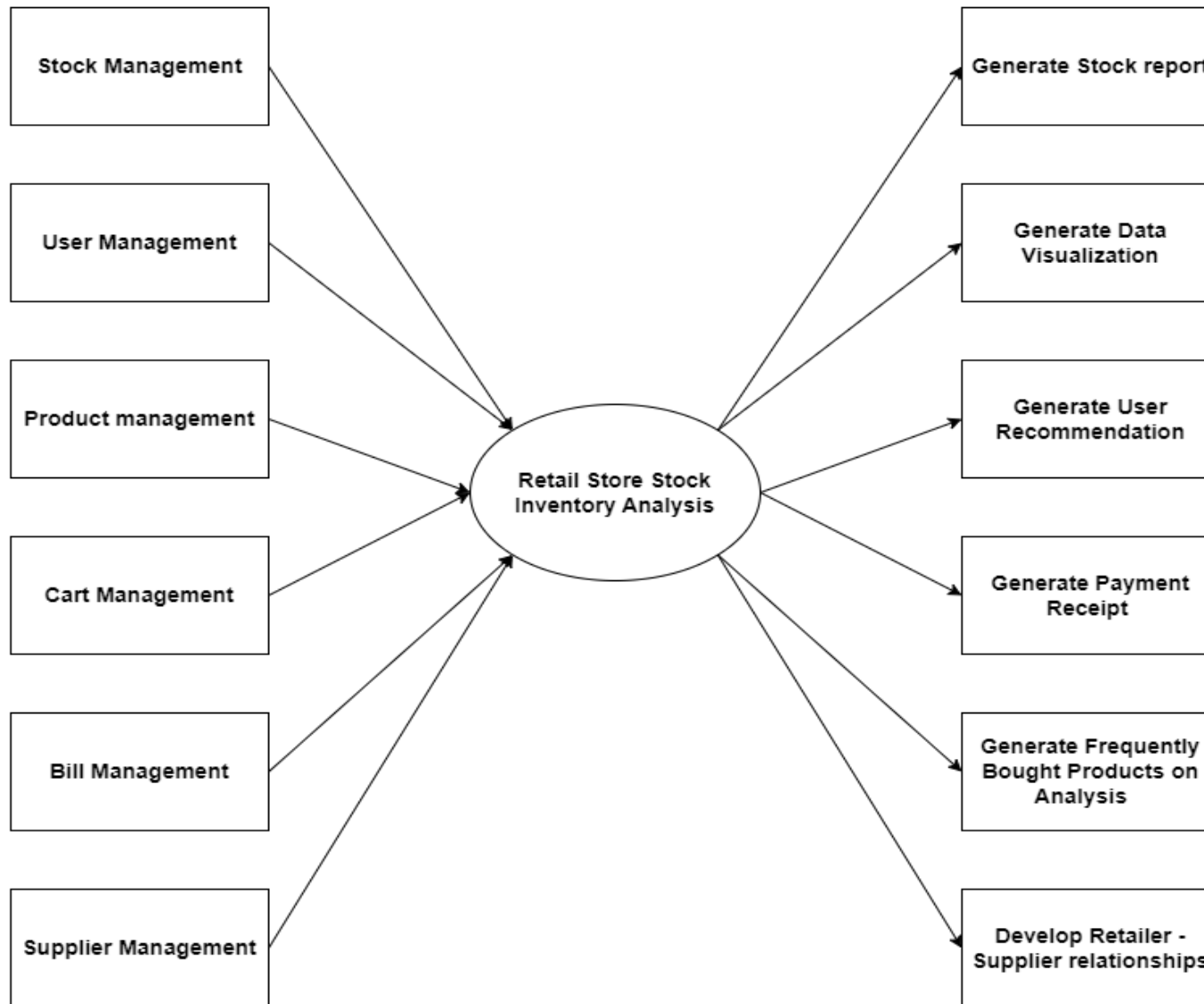
A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.

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

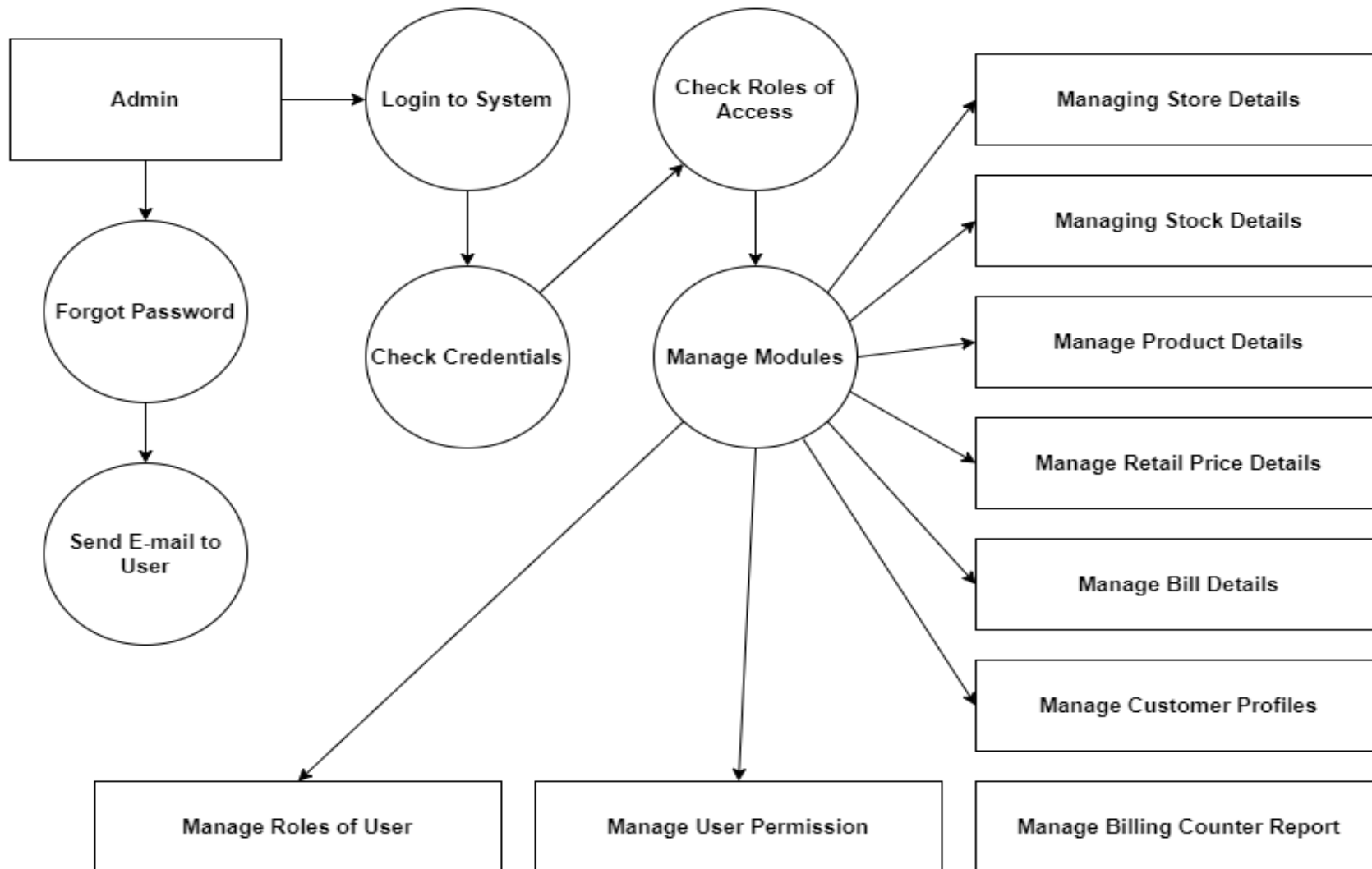
**Zero Level Diagram:**



**First Level Diagram:**



## Second Level 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
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 using my google account.	I can register & access the dashboard with Google	Low	Sprint-2
	Login	USN - 4	As a user, I can log into the application by entering email & password		High	Sprint-1
	Dashboard	USN - 5	As a user I can see the items available in the inventory.	I can access it by clicking the Home/Store icon in the dashboard	Low	Sprint - 3
		USN - 6	As a user I can see the items which are currently popular and sold in high rates	I can access it in the dashboard	Medium	Sprint - 3
	Cart	USN - 7	As a user i can add the items to my cart	I can add them by clicking the add to cart button	Low	Sprint - 4
		USN - 8	As a user i can see that the items stock are constantly updated to avoid adding them to cart when they are not available	The application automatically refreshes the application when there is a change in the stock value	Medium	Sprint - 4
Customer (Web user)	Registration / Login	USN - 1	As a user, I can login / register using my email address and password through my desktop browser	I can receive confirmation email & click confirm	High	Sprint-1
	Products	USN - 2	As a user, I can view the shopping contents in a much wider view	I can access it from the shopping tab	Medium	Sprint-3
	Cart	USN - 3	As a user, I can view the products available and add items to my cart	I can access it from the dashboard	Medium	Sprint-4

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Administrator	Inventory		I manage the stocks which are displayed to the customer and constantly update the stock available	I can access it from the Admin dashboard	High	Sprint-4
	Algorithm		I constantly check the algorithm for errors in order to avoid problems such as overstock and understock	I can access it given that I am a super user	Medium	Sprint-4