

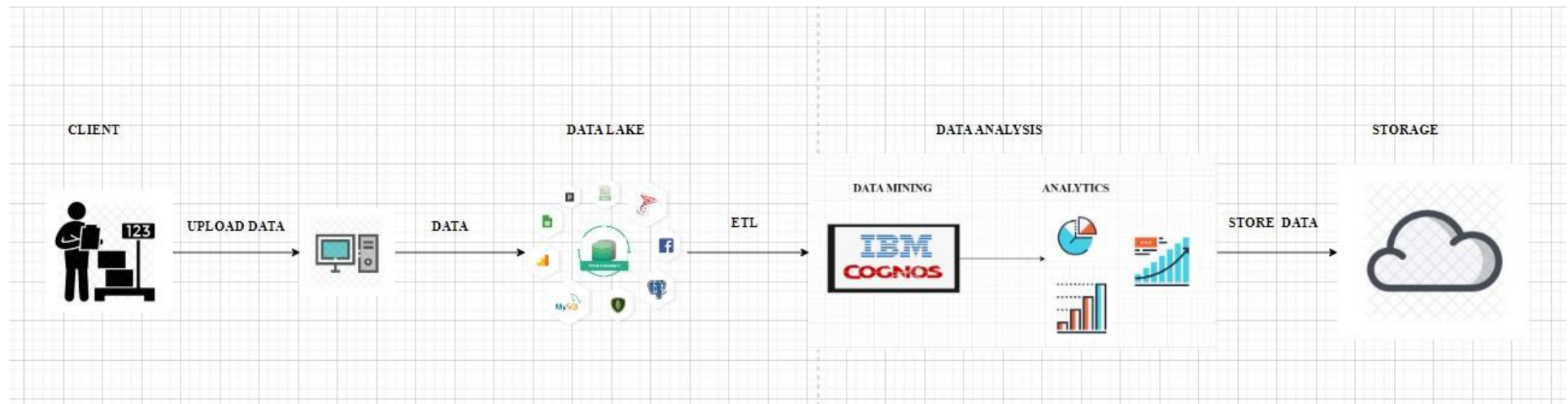
PROJECT DESIGN PHASE-II

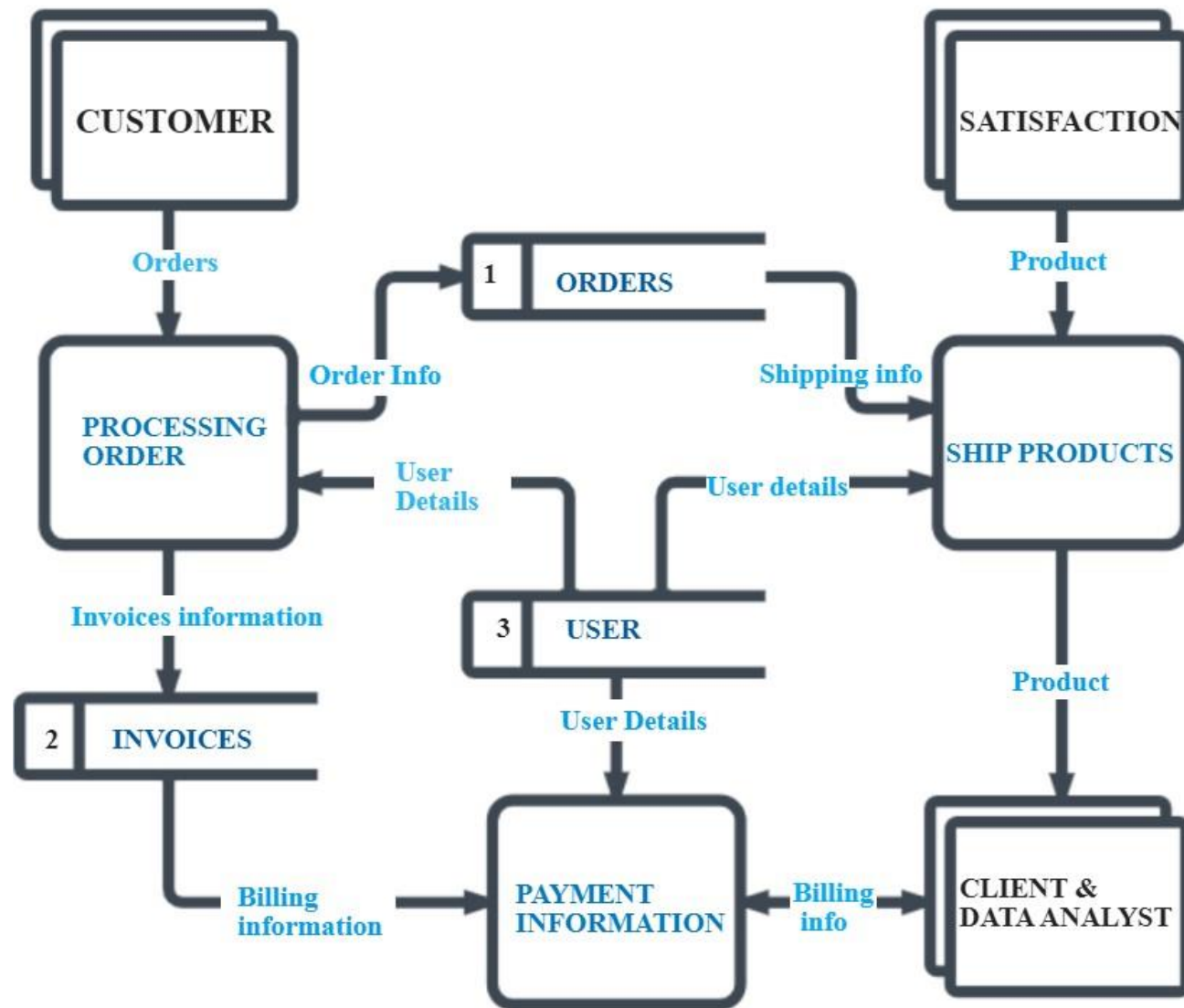
DATA FLOW DIAGRAM & USER STORIES

Date	15 October 2022
Team ID	PNT2022TMID21747
Project Name	Title- Retail store stock inventory analytics

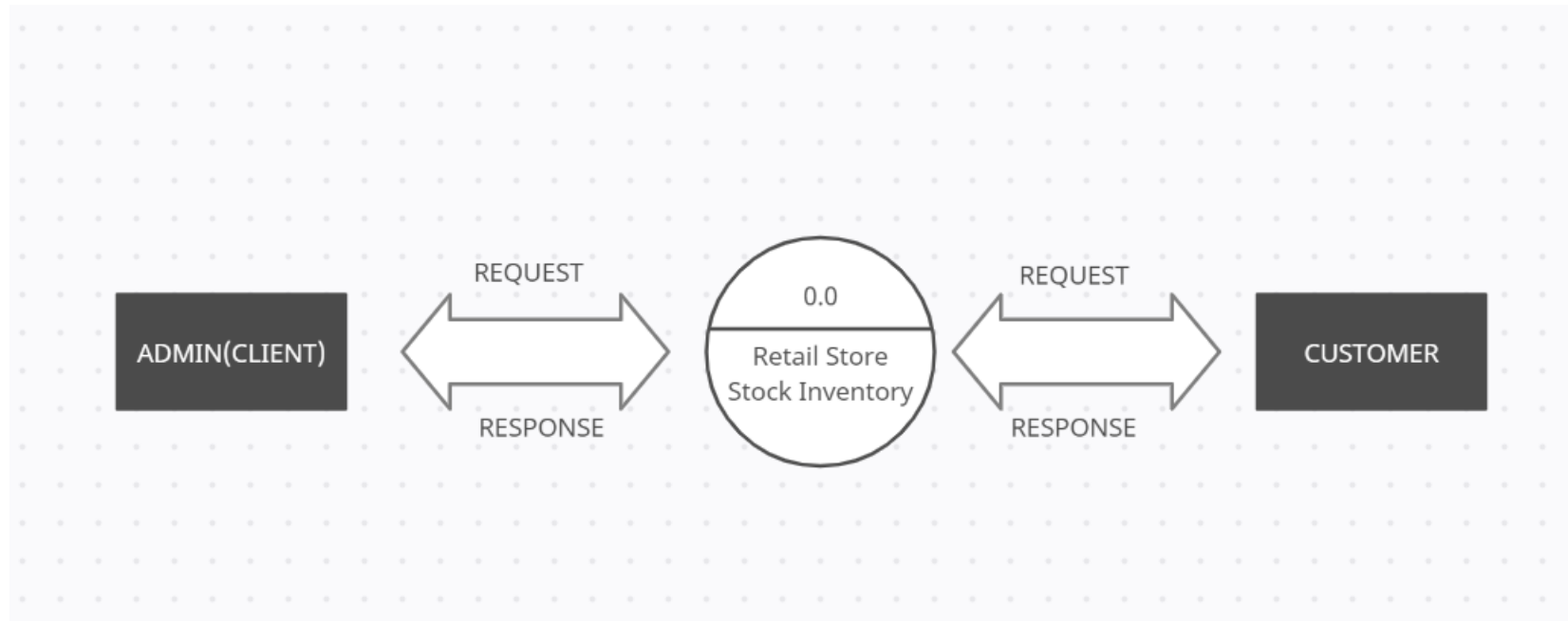
DATA FLOW DIAGRAMS:

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.

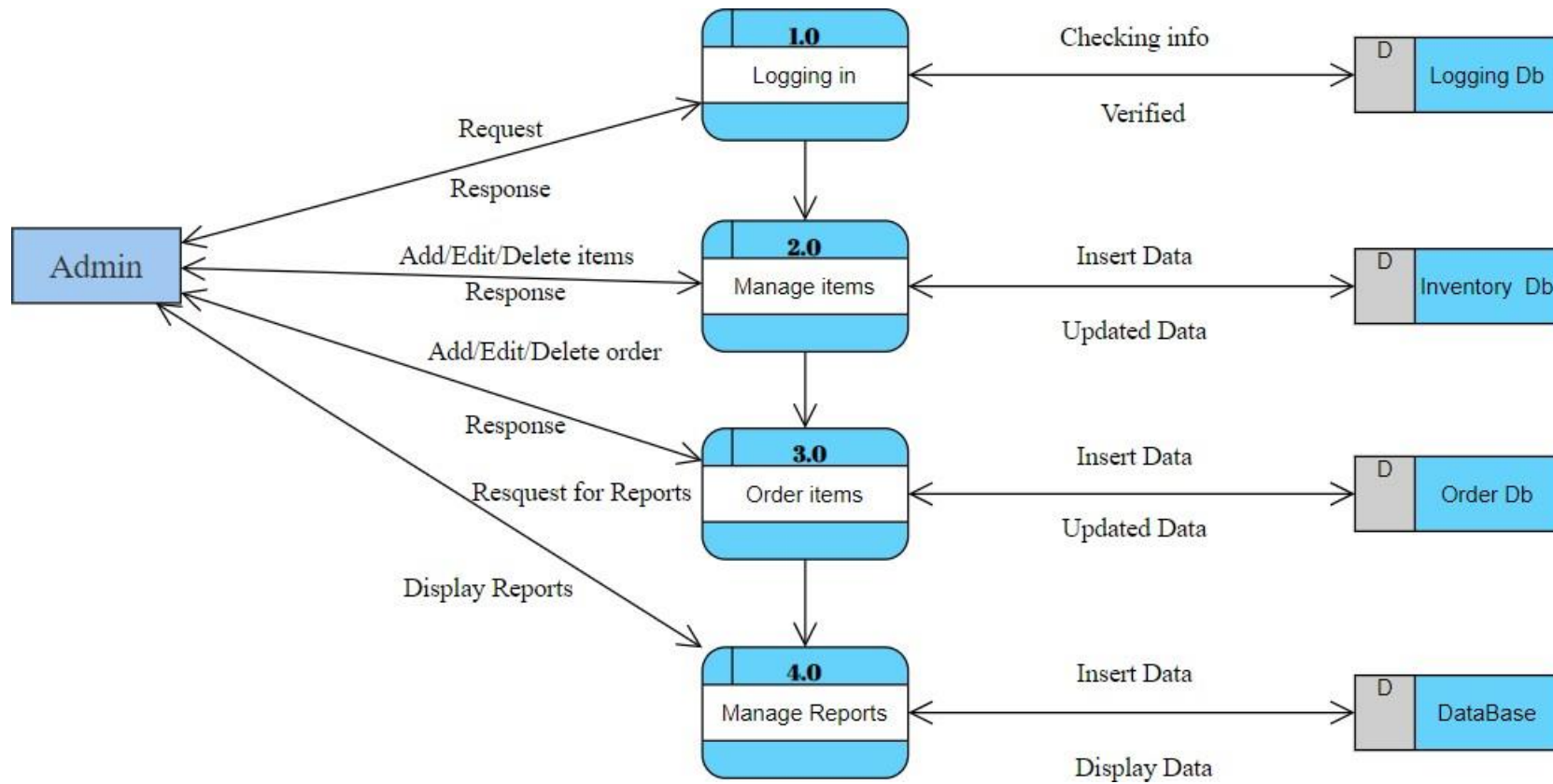




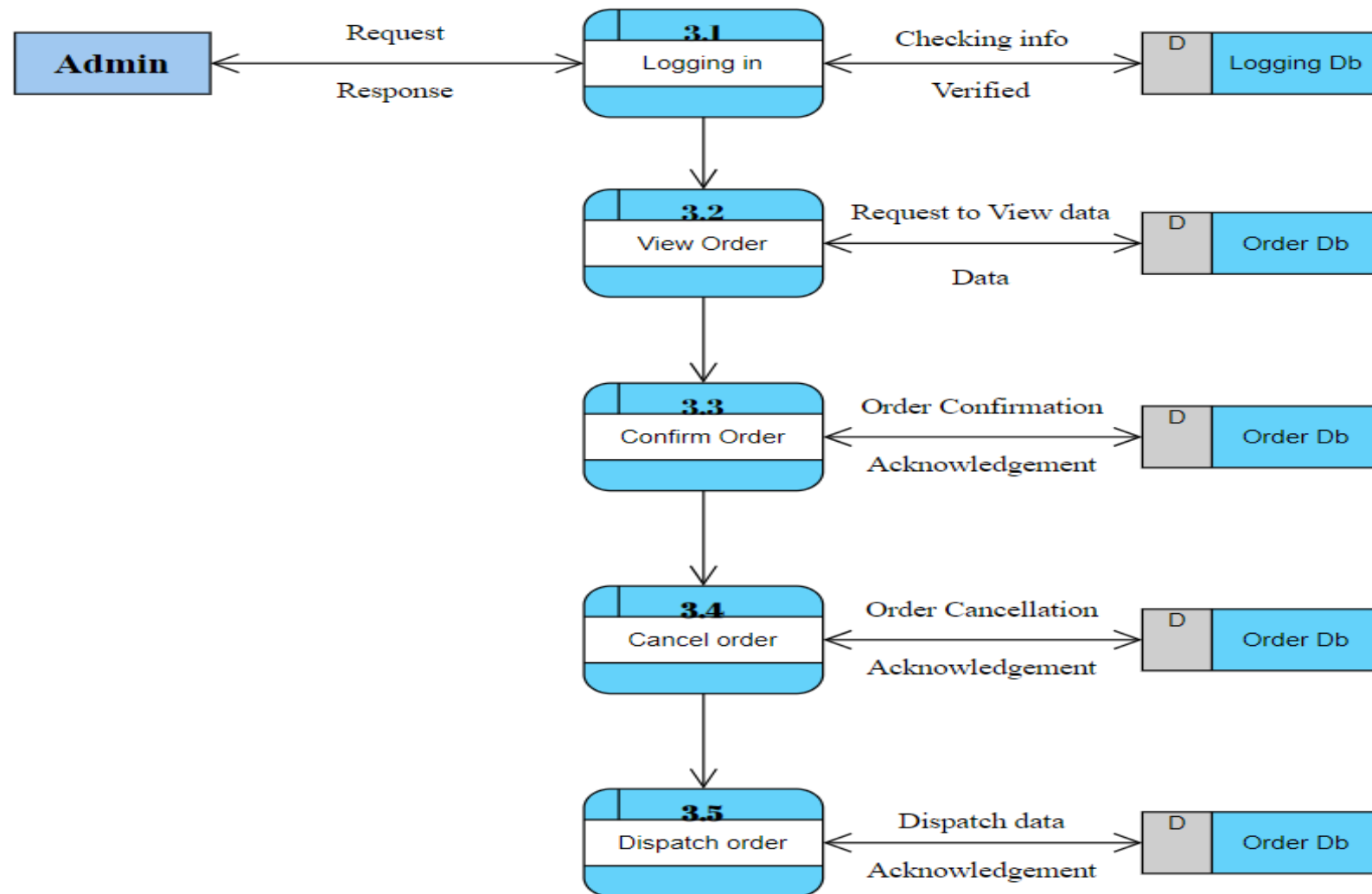
DFD Level 0:



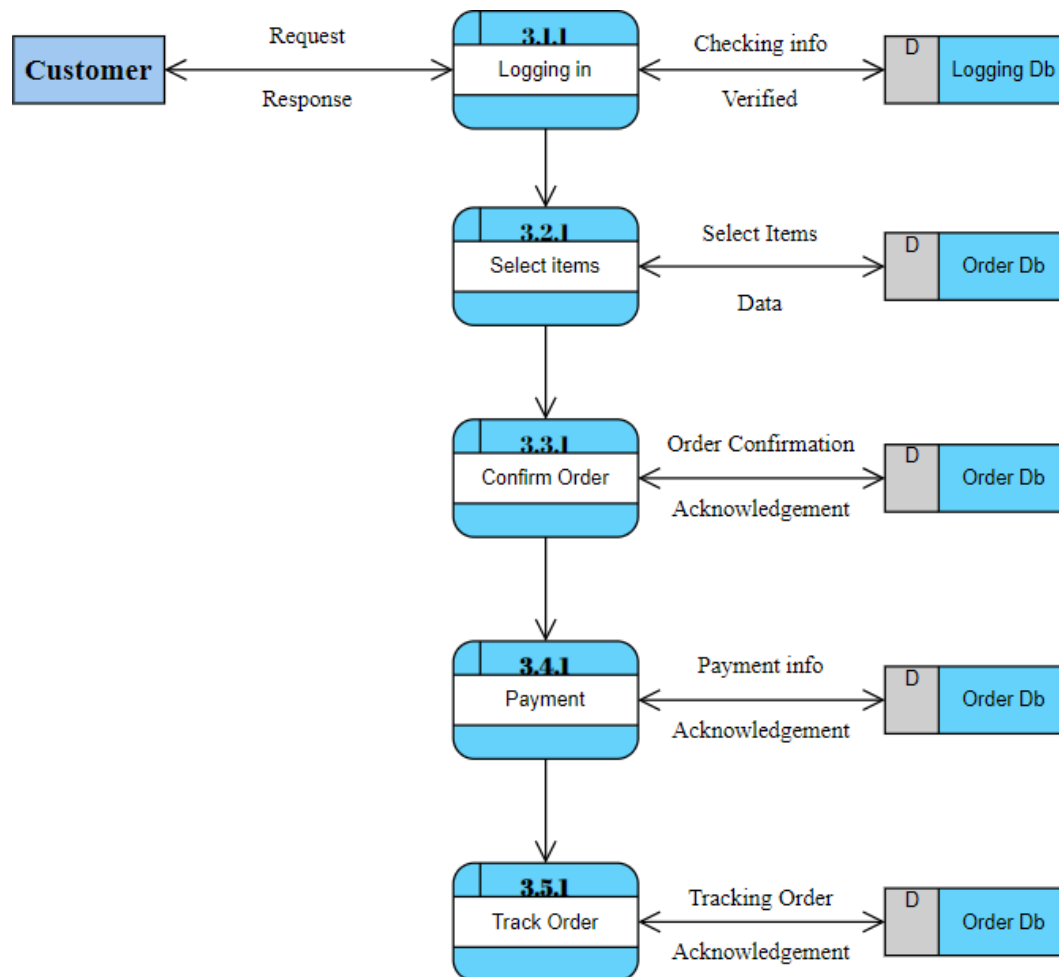
DFD Level 1:



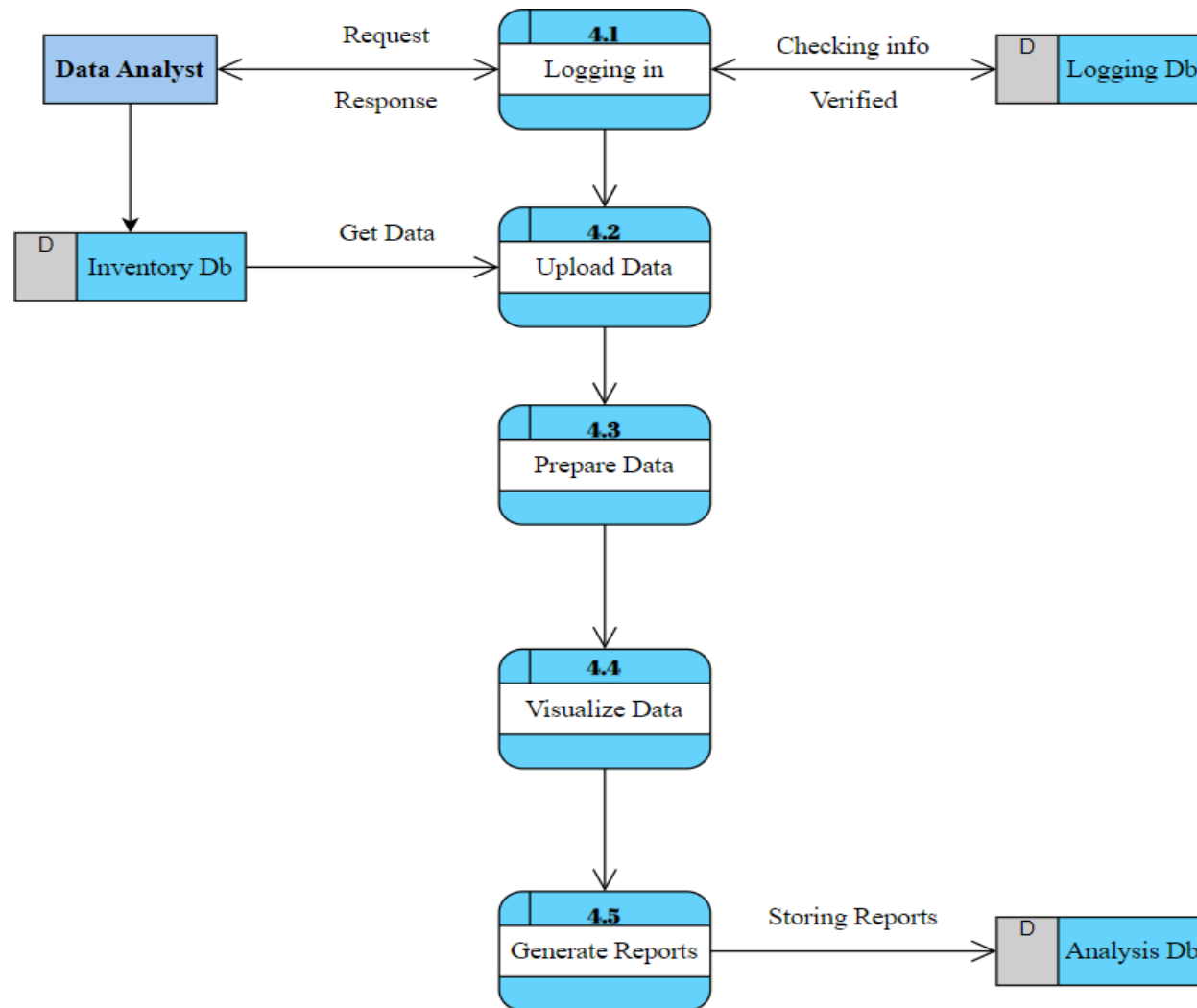
DFD Level 2:



DFD Level 3:



DFD Level 4:



USER STORIES:

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Mobile user)	Registration	USN-1	As a retailer, 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 retailer, 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 retailer, I can register for the application through Facebook	I can register & access the dashboard with Facebook Login	Low	Sprint-2
		USN-4	As a retailer, I can register for the application through LinkedIn	I can register & access the dashboard with LinkedIn login	Low	Sprint-3
		USN-5	As a retailer, I can register for the application through Gmail	I can register & access the dashboard with Gmail login	Medium	Sprint-1
	Login	USN-6	As a retailer, I can log into the application by entering email & password	I can login and access the dashboard	High	Sprint-1
	Dashboard	USN-7	As a retailer, I can see and update and delete the inventory. I can view the report.	I can login and update and delete the inventory. I can view the report the inventory	High	Sprint-2

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
	Notification	USN-8	As a retailer, I can get the notification about the stocks	I can get the notification about the stocks	Medium	Sprint-3
Customer (Web user)	Registration	USN-9	As a retailer, 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-10	As a retailer, I will receive confirmation email once I have registered for the application	I can receive confirmation email & click confirm	High	Sprint-1
		USN-11	As a retailer, I can register for the application through Facebook	I can register & access the dashboard with Facebook Login	Low	Sprint-3
		USN-12	As a retailer, I can register for the application through LinkedIn	I can register & access the dashboard with LinkedIn login	Low	Sprint-3
		USN-13	As a retailer, I can register for the application through Gmail	I can register & access the dashboard with Gmail login	Low	Sprint-3
	Login	USN-14	As a retailer, I can log into the application by entering email and password	I can login and access the dashboard	High	Sprint-1
	Update inventory	USN-15	As a retailer, update the inventory details	I can login and update the inventory details	High	Sprint-2
	Add inventory	USN-16	As a retailer, add the inventory details	I can login and add the inventory details	High	Sprint-2
	Delete inventory	USN-17	As a retailer, delete the inventory details	I can login and delete the inventory details	High	Sprint-3
	Report	USN-18	As a retailer, I can view the detailed report of the inventory	I can view the detailed report	High	Sprint-4
	Bill	USN-19	As a retailer, I can view and generate the billing details	I can view and generate the billing details	High	Sprint-4

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
	Notification	USN-20	As a retailer, I can get the notification about the stock	Get the notification	Medium	Sprint-3
Customer support	Login	USN-21	As a customer support, I can login with the credentials	Login with the credentials	High	Sprint-1
	Support	USN-22	As a customer support, I can resolve the issue of the retailers and give the suggestion to improve the sales.	Resolve the issue and give suggestion	High	Sprint-4
Analyst	Login	USN-23	As a admin, I can login with the credentials	Login with the credentials.	High	Sprint-1
	Manage	USN-24	As a analyst, I can manage the inventory	Manage the inventory	High	Sprint-2
	Analyze	USN-25	As a analyst, I can analyze the data of the inventory	Analyze the data	High	Sprint-2
	Visualize	USN-26	As a analyst, I can visualize the inventory data to provide solution for the retailer	Visualize the data to find the solution	High	Sprint-3
	Suggestion	USN-27	As a analyst, I can give suggestion for the retailers to improve the sales and increase the profit.	Give suggestion to improve the sales and increase the inventory	High	Sprint-4
	Report	USN-28	As a analyst, I can give the detailed report for the retailer about the inventory	Give detailed report about the inventory	High	Sprint-4