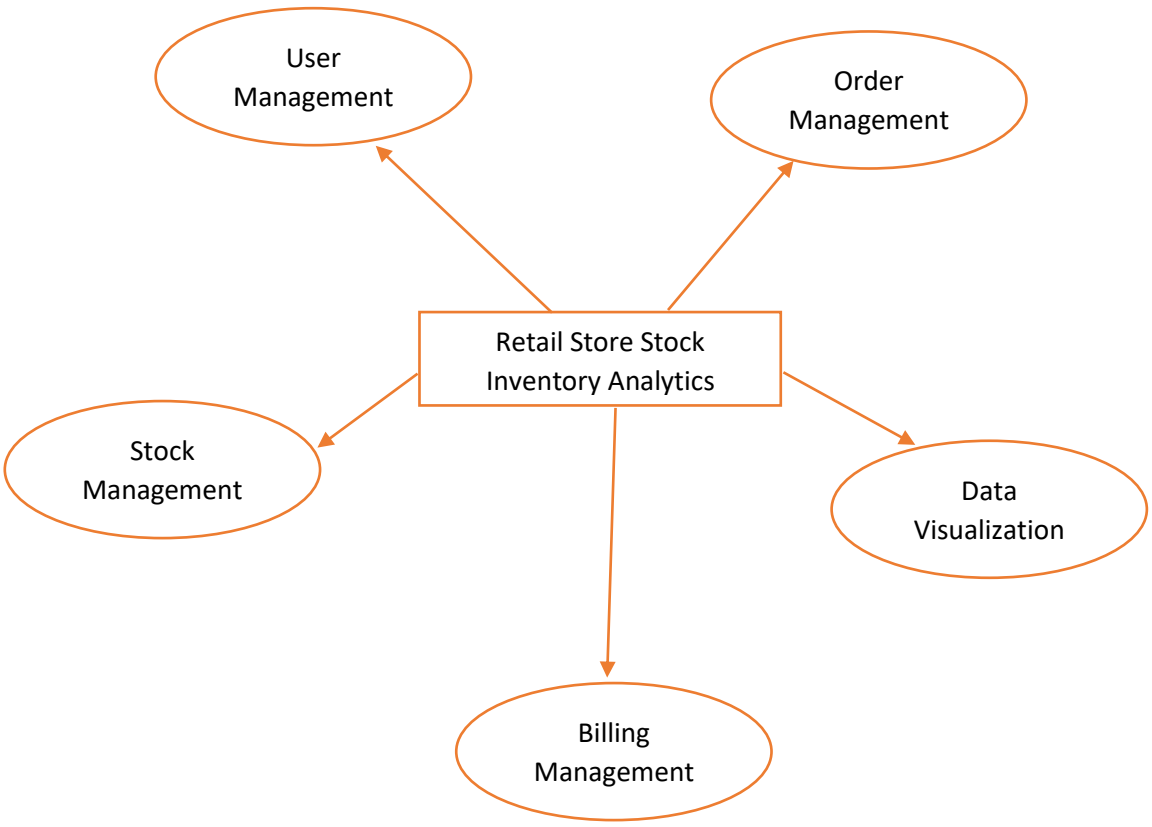
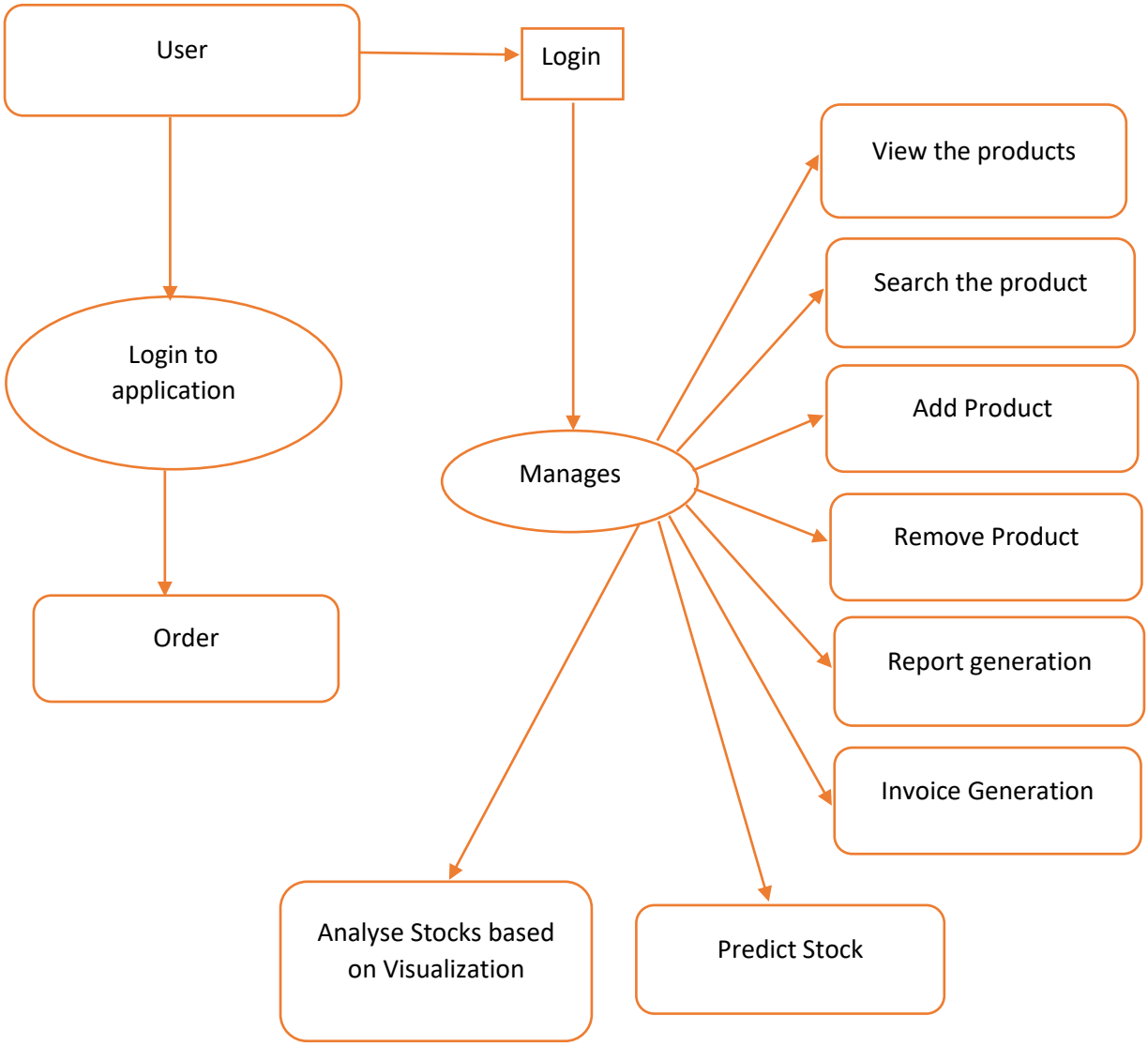
Project Design Phase-II
Data Flow Diagram & User Stories

Team ID	PNT2022TMID15255
Project Name	Project – 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.




User
Login
Login to application
Order
Manages
View the products
Search the product
Add Product
Remove Product
Report generation
Invoice Generation
Analyse Stocks based on Visualization
Predict Stock

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 Google	I can register & access the dashboard with Google Login	Low	Sprint-2
		USN-4	As a user, I can register for the application through Gmail	I can register application through Gmail	Medium	Sprint-1
	Login	USN-5	As a user, I can log into the application by entering email & password	I can login to the application using email & password	High	Sprint-1
	Dashboard	USN-6	As a user, I can view the dashboard and perform analysis	I can access the dashboard	High	Sprint-2
	View Stocks	USN-7	As a user, I can view the products	I can access the product details	High	Sprint-2
	Search Stocks	USN-8	As a user, I can search the products		Medium	Sprint-2
	Add/Delete Stocks	USN-9	As a user, I can add/delete products	I can update the products.	High	Sprint-3
	Invoice Generation	USN-10	As a user, I can generate invoice calculating taxes, discount and calculate credits	I can generate the invoice	High	Sprint-4
	Report Generation	USN-11	As a user, I can generate reports based on product sales	I can generate report	High	Sprint-3
	Stock Prediction	USN-12	As a user, I can predict out of stock		High	Sprint-4

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer – Web 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 Google	I can register & access the dashboard with Google Login	Low	Sprint-2
		USN-4	As a user, I can register for the application through Gmail	I can register application through Gmail	Medium	Sprint-1
	Login	USN-5	As a user, I can log into the application by entering email & password	I can login to the application using email & password	High	Sprint-1
	Dashboard	USN-6	As a user, I can view the dashboard and perform analysis	I can access the dashboard	High	Sprint-2
	View Stocks	USN-7	As a user, I can view the products	I can access the product details	High	Sprint-2
	Search Stocks	USN-8	As a user, I can search the products		Medium	Sprint-2
	Add/Delete Stocks	USN-9	As a user, I can add/delete products	I can update the products.	High	Sprint-3
	Invoice Generation	USN-10	As a user, I can generate invoice calculating taxes, discount and calculate credits	I can generate the invoice	High	Sprint-4
	Report Generation	USN-11	As a user, I can generate reports based on product sales	I can generate report	High	Sprint-3
	Stock Prediction	USN-12	As a user, I can predict out of stock		High	Sprint-4