Project Design Phase-II Data Flow Diagram & User Stories
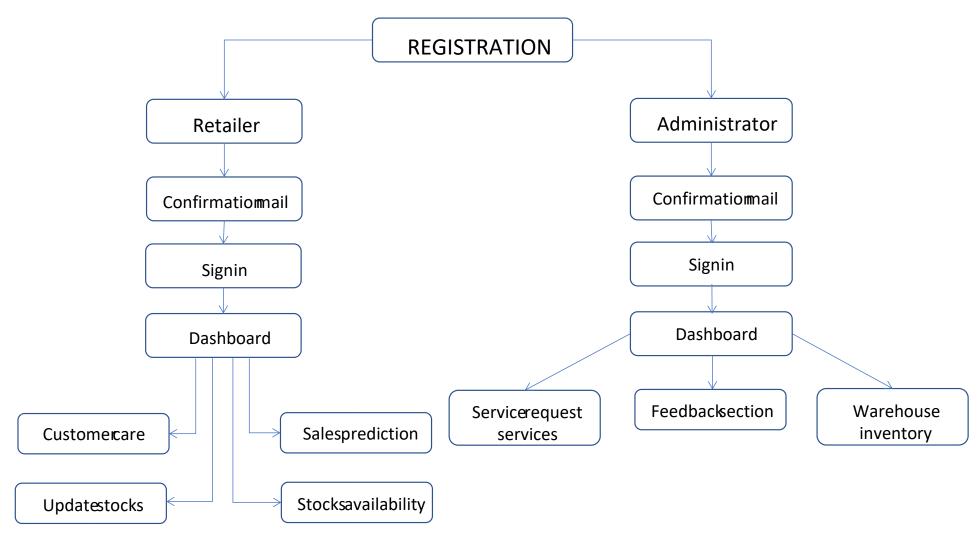
Date	10 November 2022
Team ID	PNT2022TMID43661
Project Name	Inventory Management System for Retailers
Maximum Marks	4 Marks

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.

```
                          ┌─────────────────┐
                          │  REGISTRATION   │
                          └─────────────────┘
                    │                             │
                    ▼                             ▼
          ┌─────────────────┐          ┌─────────────────┐
          │    Retailer     │          │  Administrator  │
          └─────────────────┘          └─────────────────┘
                    │                             │
                    ▼                             ▼
          ┌─────────────────┐          ┌─────────────────┐
          │ Confirmation mail│         │ Confirmation mail│
          └─────────────────┘          └─────────────────┘
                    │                             │
                    ▼                             ▼
          ┌─────────────────┐          ┌─────────────────┐
          │     Signin      │          │     Signin      │
          └─────────────────┘          └─────────────────┘
                    │                             │
                    ▼                             ▼
          ┌─────────────────┐          ┌─────────────────┐
          │   Dashboard     │          │   Dashboard     │
          └─────────────────┘          └─────────────────┘
```

| Customer care | | Sales prediction |
| Update stocks | | Stocks availability |

| Service request services | Feedback section | Warehouse inventory |

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 (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 can login through my E-mail	I can access my account / dashboard	Medium	Sprint-1
	Confirmation	USN-3	As a user, I can receive my confirmation email once I have registered for the application	I can get confirmation email for my account and create an authenticated account.	Medium	Sprint-1
	Login	USN-4	As a user, I can log in to the authorized account by entering the registered email and password	I can login with registered email and password.	High	Sprint-1
	Dashboard	USN-5	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-6	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-7	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 tat the users can order properly and retailers can predict the order to sell.	Low	Sprint-3
Administrator	Request for customer care	USN-8	As a user, I am able to request customer care to get in touch with the administrators and enquire the doubts and problems.	Users can contact customer support and get help and service from administrators.	Medium	Sprint-4
	Giving feedback	USN-9	As a user, I am able to send feedback forms reporting any ideas for improving or resolving any issues I am facing to get it resolved.	Users can give feedback of issues or improvements to the administrators.	Medium	Sprint-4