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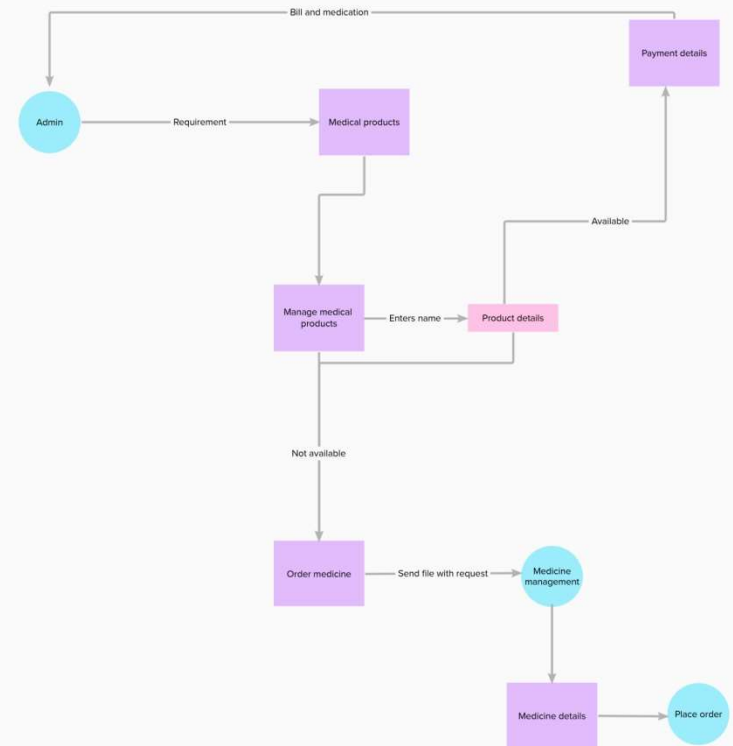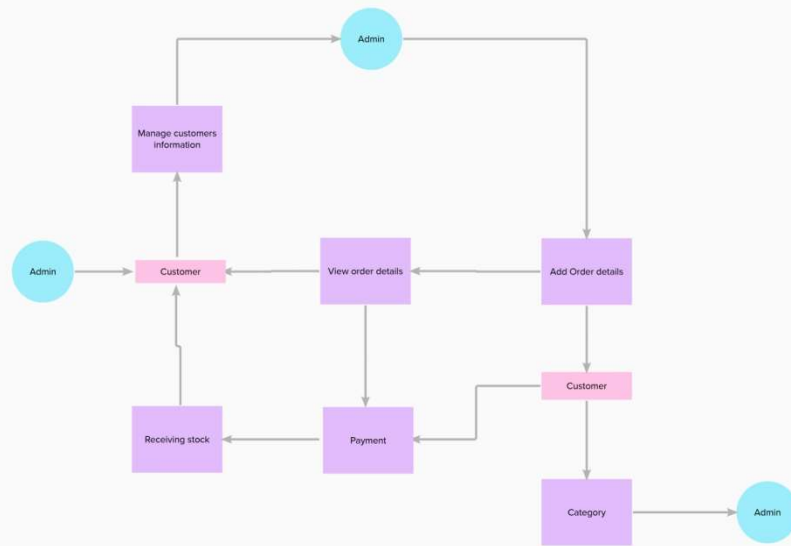## Data Flow Diagram &User Stories

Date	03October 2022
Team ID	PNT2022TMID23391
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.

Example: **(Simplified)**

Diagram 1 (left)

- **Admin** (circle, top)
  - → Manage customers information
  - → Add Order details
- **Manage customers information** → Customer
- **Admin** (circle, left) → Customer
- **Customer** (pink) ← View order details ← Add Order details
- **View order details** → Payment
- **Add Order details** → Customer (pink)
- **Customer** (pink) → Category
- **Customer** (pink) → Payment
- **Payment** → Receiving stock
- **Receiving stock** → Customer
- **Category** → Admin (circle, right)

Diagram 2 (right)

- **Admin** (circle) — Requirement → **Medical products**
- **Bill and medication** (top) → Admin
- **Medical products** → Manage medical products
- **Manage medical products** — Enters name → **Product details**
- **Product details** — Available → **Payment details**
- **Payment details** → (Bill and medication)
- **Manage medical products** — Not available → **Order medicine**
- **Order medicine** — Send file with request → **Medicine management** (circle)
- **Medicine management** → **Medicine details**
- **Medicine details** → **Place order** (circle)

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 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 access my account	High	Sprint-1
	Dashboard	USN-6	As a user,i can log into my account for the mobile	I can access my account /Dashboard	High	Sprint-1
Customer (Web user)	Registration	USN-7	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-8	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-9	As a user, I can register for the application through Facebook	I can register & access the dashboard with Facebook Login	Low	Sprint-2
		USN-10	As a user ,I can upload a Profile photo and add my name to my account	I can upload my Profile photo/Name in my account	Medium	Sprint-1
Customer Care Executive	Customer Support	USN-11	As a user,I can support for customers to handle queries and complaints from their customers	I can support for customers to clear complaints	High	Sprint-1
Administrator	Responsibility	USN-12	As a system administrator I want to be able to add new users when required so that	I Can add new users	High	Sprint -1