Project Design Phase-II

Data Flow Diagram & User Stories

Date	03 October 2022
Team ID	PNT2022TMID05614
Project Name	Inventory Management System For Retailers
Maximum Marks	4 Marks

Data Flow Diagram:

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.
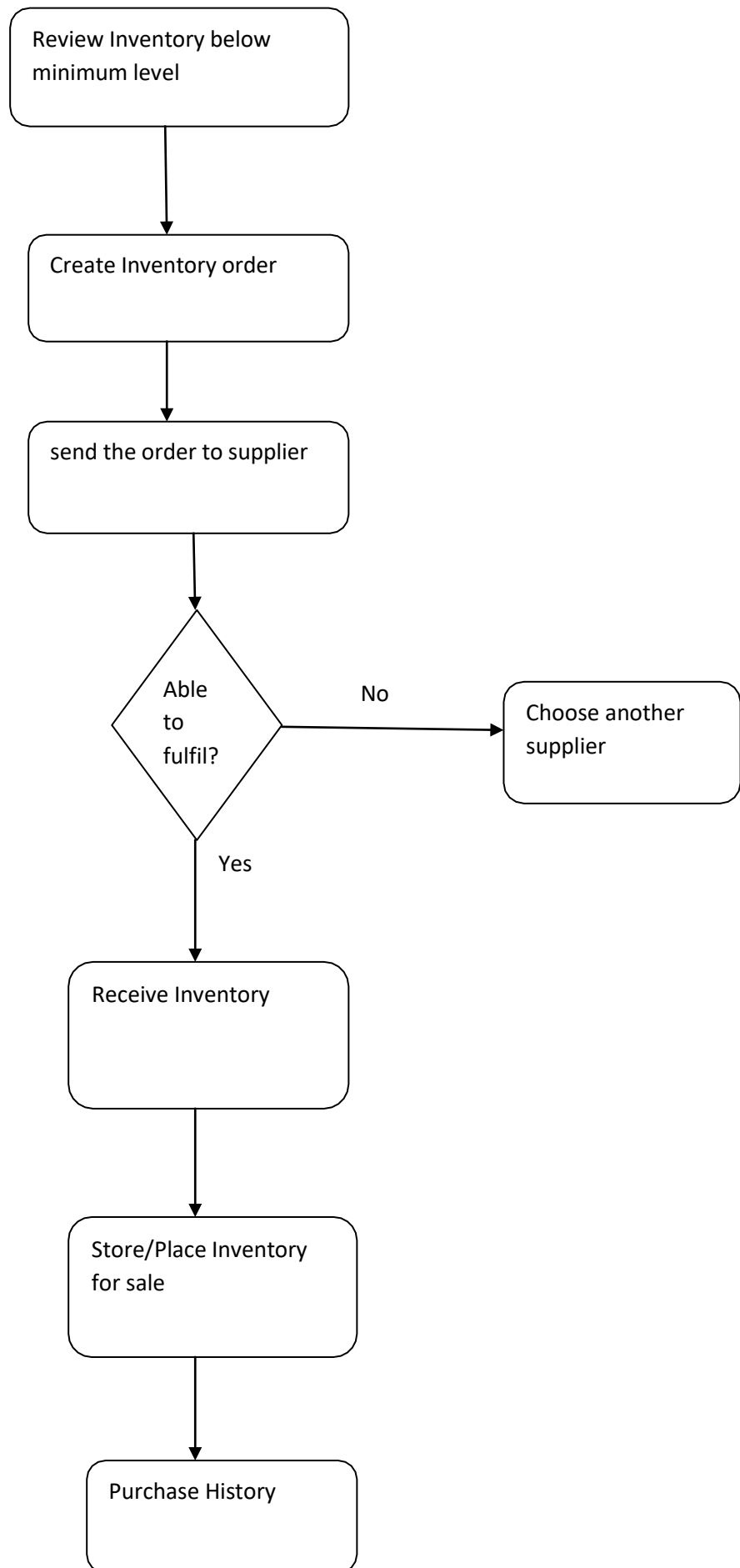
Figure 1: Data flow diagram for Inventory Management System For Retailers

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 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 for the 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 by entering Gmail and password	High	Sprint-1
	Dashboard	USN-6	As a user, I can track data of sales of products and inventory levels	I can track data of sales of products and inventory levels	High	Sprint-1
Customer (Web user)	Registration	USN-7	As a user, I will receive for the application by entering my email, password and confirming my password	I can access my account/dashboard	High	Sprint-1
Customer Care Executive		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	Spirnt-1
Administrator		USN-9	As a user, I can register for the application through facebook	I can register & access the dashboard with facebook login	Low	Sprint-3
		USN-10	As a user, I can register for the application through Gmail	I can register for the application through Gmail	Medium	Sprint-2
	Login	USN-11	As a user, I can log into the application by entering email & password	I can login by entering Gmail & password	High	Sprint-1
	Dashboard	USN-12	As a user, I track data of sales of products and inventory levels	I can track data of sales of products and inventory levels	High	Sprint-1
Customer Care Executive	Support	USN-13	As a Executive, I provide answers for the queries asked by users	I provide the answers for the queries asked by the users	High	Sprint-1
Administrator	Manage the stocks	USN-14	As a administrator, I manage the stocks by adding, shipping and storing the stocks in the storage units	I manage the stocks by adding, shipping and storing the stocks in the storage	High	Sprint-1

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
				units		
	Control all the users	USN-15	As a administrator, I can control all the users by performing basic CRUD	I can control all the users by performing basic CRUD operations	High	Sprint-1
	Access the database	USN-16	As a administrator, I can control and access the database	I can control and access the database	High	Sprint-1