Project Design Phase-II
Data Flow Diagram & User Stories

Date	14 October 2022
Team ID	PNT2022TMID30228
Project Name	Retail Store Stock Inventory Analytics
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.
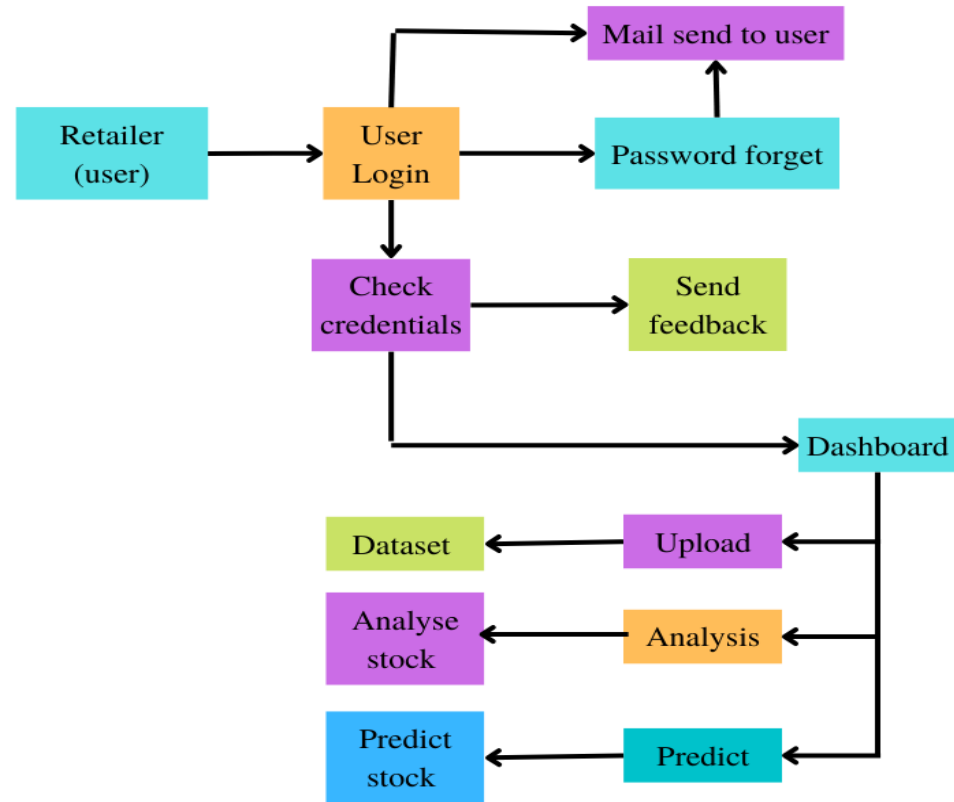
User Stories :

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 web application by entering my email, password, and confirming my password.	I can access my account / dashboard.	**High**	Sprint-1
		USN-2	As a user, after completing the registration I will receive confirmation email once I have registered for the web application.	I can receive confirmation email, click confirm.	**High**	Sprint-1
		USN-3	As a user, I can register for the web application through facebook	I can register, access the dashboard with facebook login.	Medium	Sprint-2
		USN-4	As a user, I can register for the web application through google account.	I can register, access the dashboard with gmail login.	**High**	Sprint-1
	Login	USN-5	As a user, I can log into the application by entering email & password after installing the web application.	I can access the dashboard by login into the application.	**High**	Sprint-2
	Dashboard	USN-6	As a user, I can view the year wise price representation of the dataset.	I can analyse the stocks using line graph in my retail store.	Medium	Sprint-2
		USN-7	As a user, I can view the year wise stock representation of the dataset.	I can analyse the stocks using line graph.	Medium	Sprint-3
		USN-8	As a user, I can view the top 10 sales of the given dataset.	I can analyse the top sales of stocks using line graph.	Medium	Sprint-3
		USN-9	As a user, I can view the monthly sales of stock for the dataset.	I can analyse the monthly sales by using tree map	Medium	Sprint-3
		USN-10	As a user, I can view the monthly revenue of the stock for the dataset.	I can analyse the monthly revenue of the stock by using pie chart.	Medium	Sprint-4

		USN-11	As a user, I can view the summary of the retail stock dataset	I can analyse summary of total revenue, sales, stock,	Medium	Sprint-4