Project Design Phase-II
Data Flow Diagram & User Stories

| Date	10 October 2022
Team ID	PNT2022TMID40200
Project Name	Project – Traffic and Capacity Analytics for Major Ports.
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.

DATA FLOW DIAGRAM
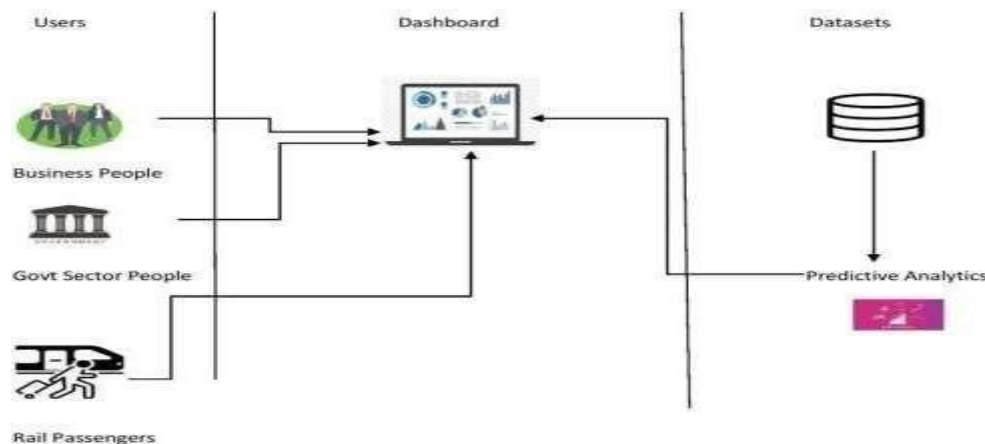
1.) Predictive analytics will be done from collected dataset and it will be updated in dashboard.

2.) Business People can able to view the dashboard to track their goods.

3.) Govt Sector People can able to predict the congestion in ports by viewing the dashboard and it helps to avoid congestion in future .

4.) Rail Passengers can able to track the correct time of rail in ports.
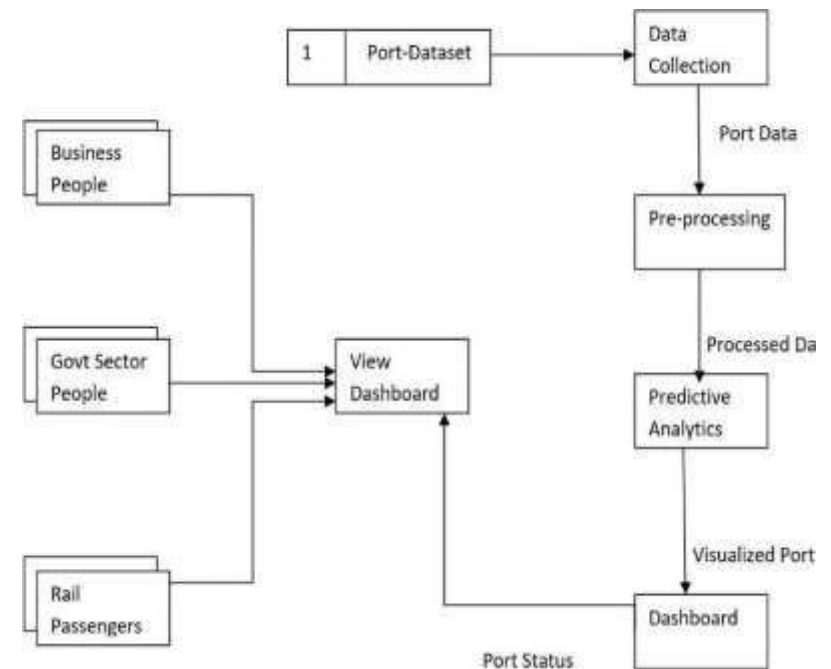
User Stories

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
Business People	Monitoring	USN-1	As a user, I can view the dashboard to see the port status. .	I can visualize the port status in dashboard.	High	Sprint-1
	Tracking	USN-2	As a user, I can track the goods.	I can track the goods by it's arrival/departure time	High	Sprint-1
Government Sector People	Viewing	USN-1	As a user, I can view the port status regularly	I can able to know the port status	Low	Sprint-2
	Predicting	USN-2	As a user, I will reduce the congestion in ports by predicting the port congestion through dashboard.	I can able to predict the congestion in future	High	Sprint-2
Passengers	Tracing	USN-1	As a user, I can trace the arrival/departure time of rail in ports.	I can able to track the correct time of rail.	High	Sprint-2