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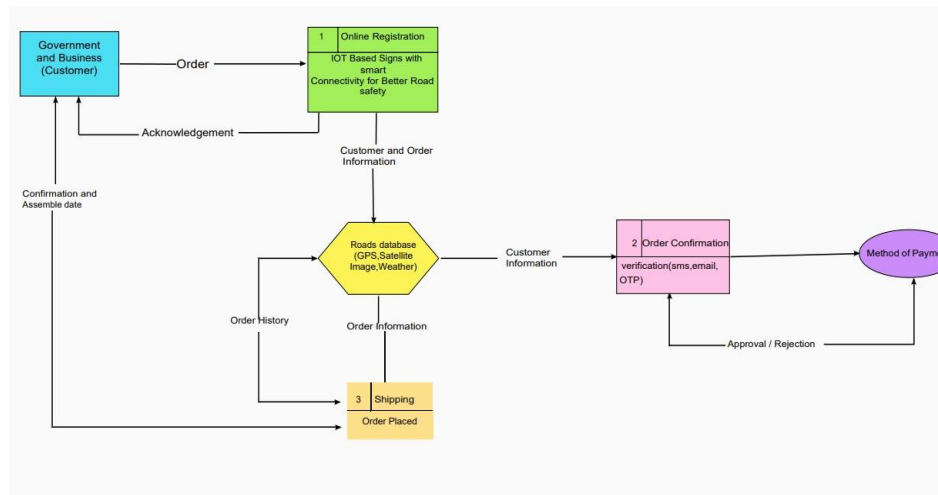# Data Flow Diagram & User Stories

Date	17 October 2022
Team ID	PNT2022TMID33549
Project Name	Signs With Smart Connectivity For Better Road Safety
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- Signs with smart connectivity for better road safety:

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.	Access my account / dashboard	High	Sprint-1
Weather	openweathermap	USN-2	As a user, I want to check the weather of that location	Get the weather of that location	High	Sprint-1
IoT devices	Automation	USN-3	As a user, I want to use IoT devices for automation purposes	Get the work done without manual effort	High	Sprint-2
Python code	Random data	USN-4	As a user, I want to give some input to the devices for performing some action to complete the tasks very easily	Get the data workflow	Medium	Sprint-1
IBM Cloud	Cloud services	USN-5	As a user, I want to deploy these application for public version	Useful for all domain users	High	Sprint-1
Node-Red	Integration	USN-6	As a user, I want to integrate the applications with hardware	To precise for linear workflow	Medium	Sprint-3
Web UI	Interaction	USN-7	As a user, I want to interact with the digital products	To interact with the users	Medium	Sprint-2

Data validation	Checking accuracy	USN-8	As a user, I can check the ability and accuracy of the model in obtaining the required information	Check the capability of the model	High	Sprint-2
Data extraction	Obtaining the data	USN-9	As a user, I can retrieve the result data from the application for data storage for further uses	Download the result in the form of data	High	Sprint-3