Project Design Phase - II

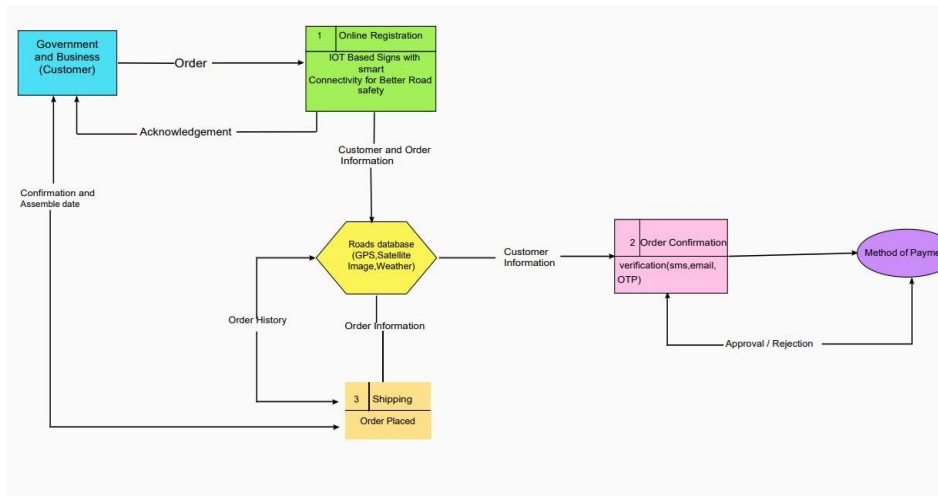## Data Flow Diagram

Date	28 October 2022
Team ID	PNT2022TMID45631
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 light 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 ciiteiia	Piioiity	Release
Customer Mobile user)	Registration	USN-1	As a user, I can register for the application by entering my email, password, and conforming my password.	Access my account / dashboard	High	Spíint-1
Weather	Open weather map	USN-2	As a user, I want to check the weather of that location	Get the weather of that location	High	Spíint-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	Spíint-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 Work flow	Medium	Spíint-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	Spíint-1
Node-Red	Integration	USN-6	As a user, I want to integrate the applications withhardware	iot precise for linear work flow	Medium	Spíint-3
Web UI	Interaction	USN-7	As a user, I want to interact with the digital products	IOT interact with the users	Medium	Spíint-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 thedata	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