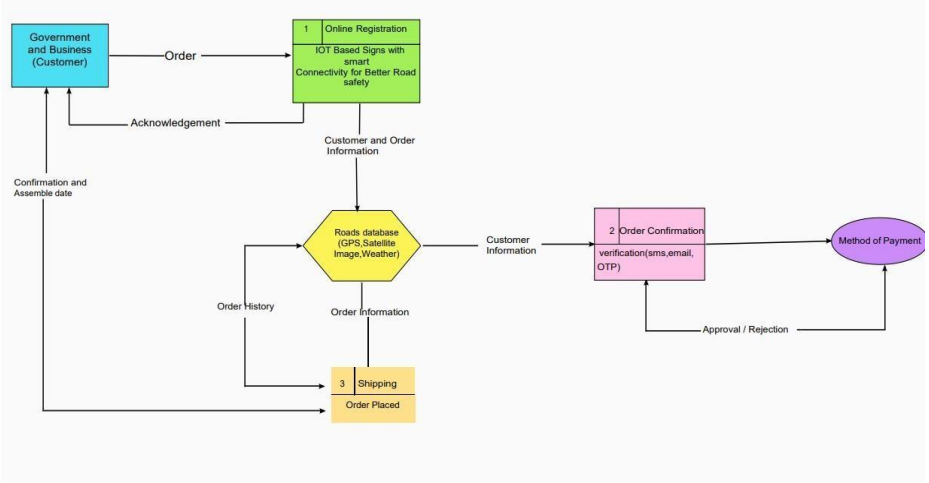
Project Design Phase - II Data
Flow Diagíam & User Stories

Date	8.11.2022
Team ID	PNT2022TMID17040
Píoject Name	Signs With Smart Connectivity For Better Road Safety
Maximum Maíks	4 Maíks

Data Ïlow Diagíams:

A Data Flow Diagíam (DFD) is a tíaditional visual íepíesentation of the infoímation flows within a system. A neat and cleaíDFD can depict the íight amount of the system íequiíement gíaphically. It shows how data enteís and leaves the system, what changes theinfoímation, and wheíe data is
stoíed.

Data Ïlow Diagíam- Signs with smaít connectivity foí betteí íoad safety:



Useí Stoíies

Use the below template to list all the useí stoíies foí the píoduct.

Useí 1’ype	**Ïunctional Requiíement (Epic)**	**Useí Stoíy Numbeí**	**Useí Stoíy / 1’ask**	**Acceptance cíiteíia**	**Píioíity**	**Release**
Customeí (Mobile useí)	Registíation	USN-1	As a useí, I can íegisteí foí the application by enteíing my email, passwoíd, and confiíming my passwoíd.	Access my account / dashboaíd	High	Spíint-1
Weatheí	openweatheímap	USN-2	As a useí, I want to check the weatheí of that location	Get the weatheí of that location	High	Spíint-1
Io1’ devices	Automation	USN-3	As a useí, I want to use Io1’ devices foí automation puíposes	Get the woík done without manual effoít	High	Spíint-2
Python code	Random data	USN-4	As a useí, I want to give some input to the devices foí peífoíming some action to complete the tasks veíy easily	Get the data woíkflow	Medium	Spíint-1
IBM Cloud	Cloud seívices	USN-5	As a useí, I want to deploy these application foí public veísion	Useful foí all domain useís	High	Spíint-1
Node-Red	Integíation	USN-6	As a useí, I want to integíate the applications withhaídwaíe	1’o píecise foí lineaí woíkflow	Medium	Spíint-3
Web UI	Inteíaction	USN-7	As a useí, I want to inteíact with the digital píoducts	l’o inteíact with the useís	Medium	Spíint-2

Data validation	Checking accuíacy	USN-8	As a useí, I can check the ability and accuíacy of the model in obtaining the íequiíed infoímation	Check the capability of the model	High	Spíint-2
Data extíaction	Obtaining thedata	USN-9	As a useí, I can íetíieve the íesult data fíom the application foí data stoíage foí fuítheí uses	Download the íesult in the foím of data	High	Spíint-3