

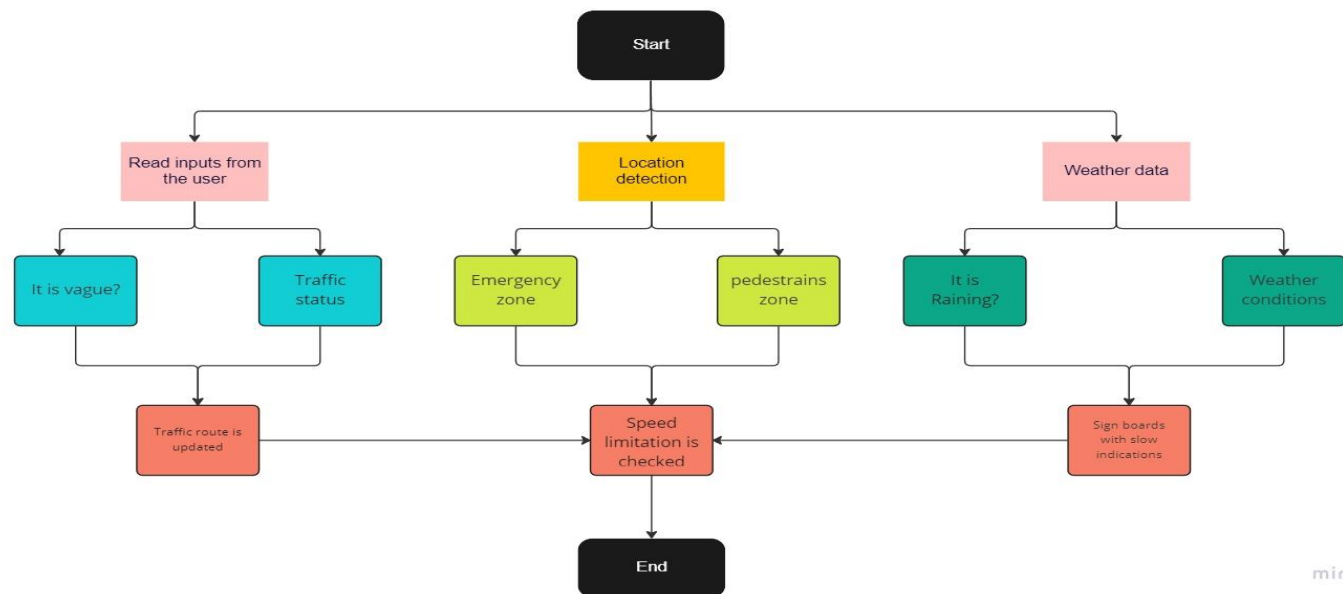
Project Design Phase-II

Data Flow Diagram & User Stories

Date	22 October 2022
Team ID	PNT2022TMID51172
Project Name	Project - 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.



User Stories:

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Mobile user)	Registration	USN-1	I can get my speed limitation using weather application .	I can receive speed limitations	High	Sprint-1
IoT devices	Automation	USN-2	As a user, I want to use IoT devices for automation purposes	Get the work done without manual effort	High	Sprint-2
Administrator	Problem solving	USN-3	As an official who is in charge for the proper functioning of the sign boards have to maintain it through periodic monitoring.	Officials can monitor the sign boards for functioning	Medium	Sprint-2
Weather	Web app	USN-4	As a user, I can increase or decrease my speed according to the weather change	Get the weather of that location	High	Sprint-1
User	Login	USN-5	As a user, I can log into the application by entering email & password	I can access the application	High	Sprint-1
Driver	Traffic status	USN-6	As a user, I can I get my traffic diversion signs depending on the traffic and the fatal situations.	I can access my traffic status ahead in my travel	Medium	Sprint-1
Customer (Web user)	Data generation	USN-7	As a user the interface should be simple and easily accessible	I can access the data regarding the weather through the application	High	Sprint-1
Web UI	Interaction	USN-8	As a user, I want to interact with the digital products	To interact with the users	Medium	Sprint-2
Data validation	Checking accuracy	USN-9	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