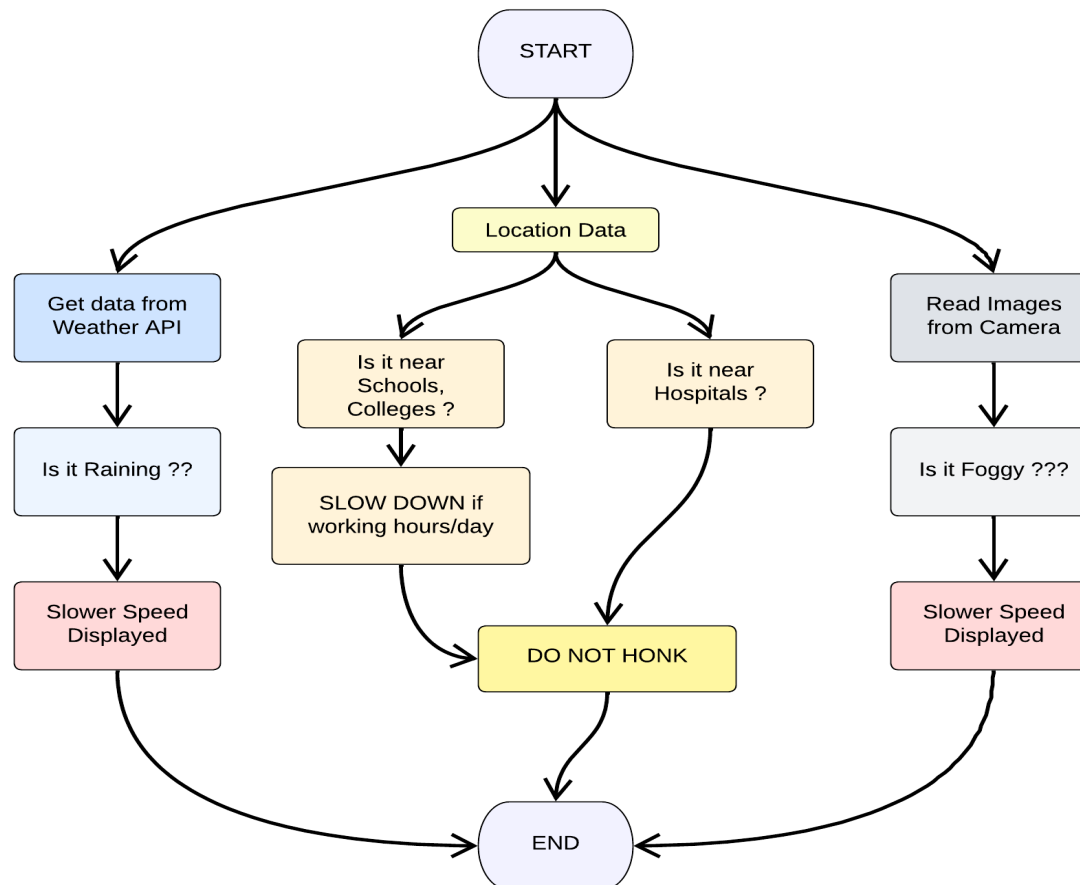


Project Design Phase-II
Data Flow Diagram & User Stories

Date	10 October 2022
Team ID	PNT2022TMID41539
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.



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
		USN-2	As a user, I can register for the application byentering my email, password, and confirmingmy password. As a user,	I can access my account /dashboard	Medium	Sprint-2
		USN-3	As a user, I can increase or decrease my speed according to the weather change	I can increase or decrease my speed	High	Sprint-1
		USN-4	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
	Login	USN-5	As a user, I can log into the open weather map byentering email & password	I can access the application through my Gmail login	High	Sprint-2
	Interface	USN-6	As a user the interface should be simple and easily accessible	I can access the interface easily	High	Sprint-1
Customer (Webuser)	Data generation	USN-7	As a user I use open weather application to access the data regarding the weather changes.	I can access the data regarding the weather through the application	High	Sprint-1
Administrator (Officials)	Problem solving/ Fault clearance	USN-8	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 proper functioning.	Medium	Sprint-2