Project Design Phase-2

Data Flow Diagram& User Stories

Date	03 October 2022
Team ID	PNT2022TMID52137
Project Name	Signs with smart connectivity for better road safety
Maximum Marks	4 Marks

Data Flow Diagram:
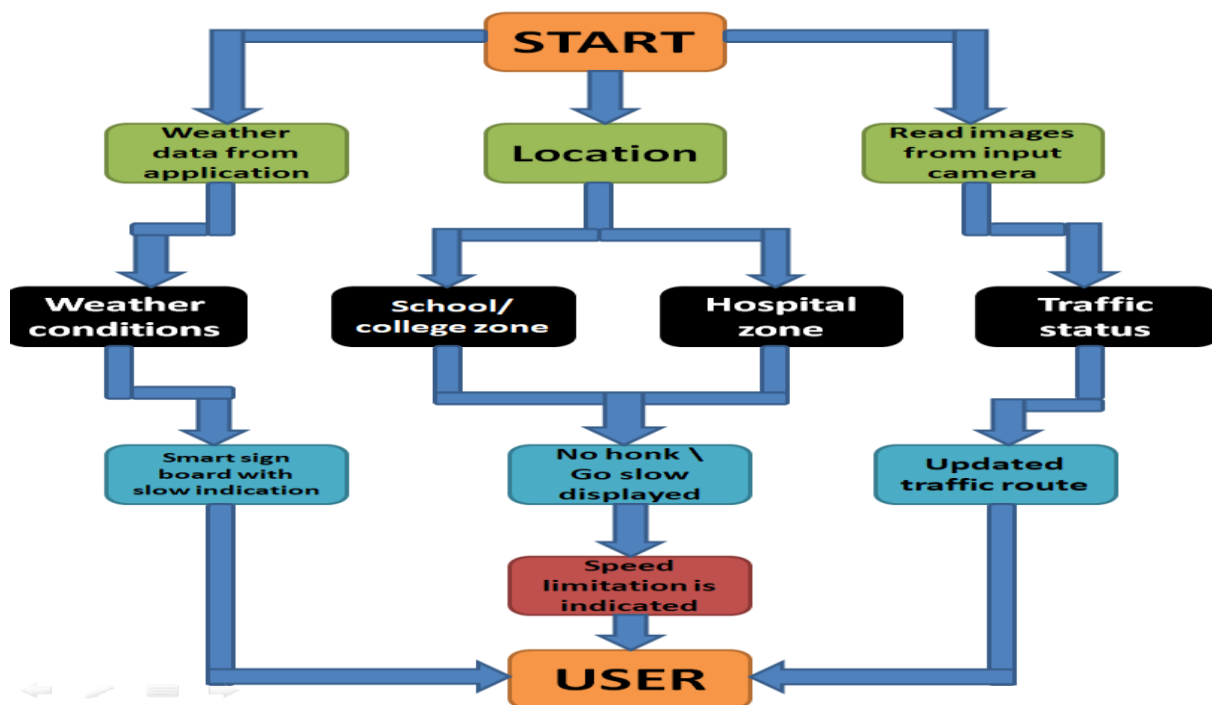
User Stories:

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 I user, I can register for the application by entering my email, password and confirming my password.	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	I can access the application	High	Sprint-2

			weather map by entering email& password	through my Gmail login		
	Interface	USN-6	As a user the interface should be simple and easily accessible	I can access the interface easily	High	Sprint-1
Customer (Web user)	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	Official can monitor the sign boards for proper functioning	Medium	Sprint-2