Project Design Phase-II
Data Flow Diagram & User Stories

Date	16 October 2022
Team ID	PNT2022TMID32979
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.
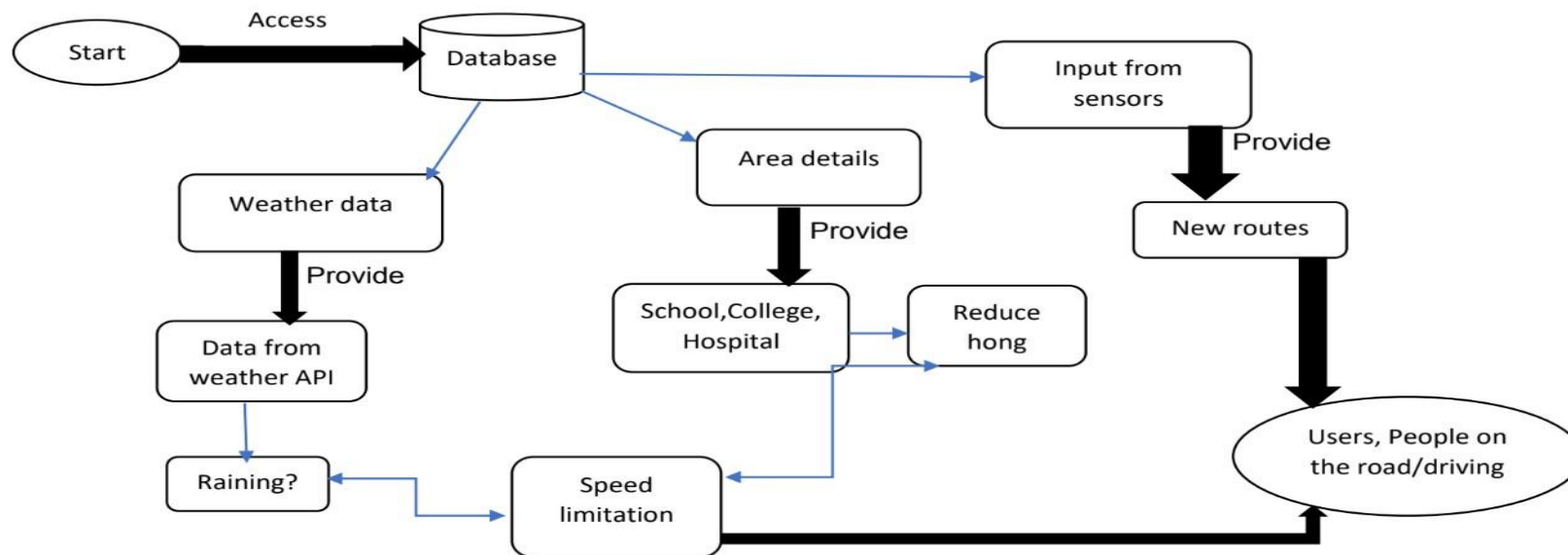
User Stories

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Mobile user)	Registration	USN-1	Login into the application.	I can access Dashboard.	High	Sprint-1
	Login	USN-2	As a user, I will receive confirmation email once I have registered for the application.	I can receive confirmation email & click confirm.	High	Sprint-1
		USN-3	Through OpenWeather Map, speed limitation is controlled.	I can access weather API.	High	Sprint-2
		USN-4	As a user, I can control my driving speed.	I can decrease / increase speed.	Medium	Sprint-1
		USN-5	I can get traffic diversions signs through smart sign board.	I can access traffic status.	Medium	Sprint-1
	Dashboard	USN-6	I can get new updated routes due to traffic / accidents.	I can handle the situation.	Low	Sprint-1
Customer (Web user)	Data generation	USN-7	Use of OpenWeather map.	Weather related Information.	High	Sprint-1
		USN-8	Use of Node-Red.	To connect devices	High	Sprint-2
Administrator	Problem solving	USN-9	Future updation and monitoring.	Can monitor sign board.	Medium	Sprint-2