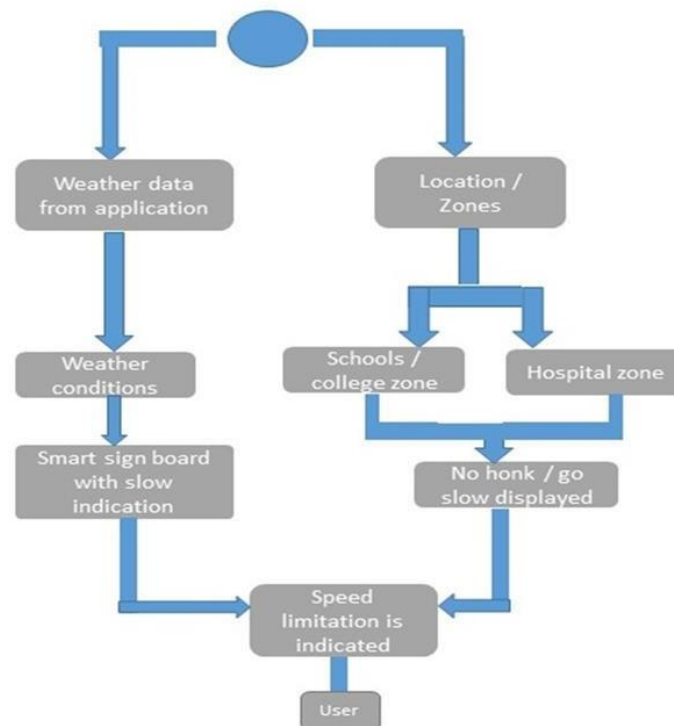


Project Design Phase-II

Data Flow Diagram & User Stories

Date	26 October 2022
Team ID	PNT2022TMID04130
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



User Stories

	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority
User 1	User visibility / Usability	USN-1	To display speed limitation on the smart sign boards.	Can view the speed limitations	High
User 2		USN-2	To increase or decrease the speed according to the weather conditions.	Can see the changes corresponding to the weather .	High
	Interface	USN-3	As a user the interface or signboard should be simple and easily readable.	Can view the interface easily.	High
	Data	USN-4	Display the data regarding the weather changes.	Weather changes are displayed.	High
	Data	USN-5	Display the zones (sensitive) nearby such as schools, hospitals.	Nearby zones are displayed.	High
Administrator (Officials)	Problem solving/ Fault clearance	USN-6	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