Project Design Phase-II
Data Flow Diagram & User Stories

Date	03 November 2022
Team ID	PNT2022TMID40472
Project Name	Project - Signs with Smart Connectivity for Better Road Safety
Maximum Marks	4 Marks

Data Flow Diagrams:
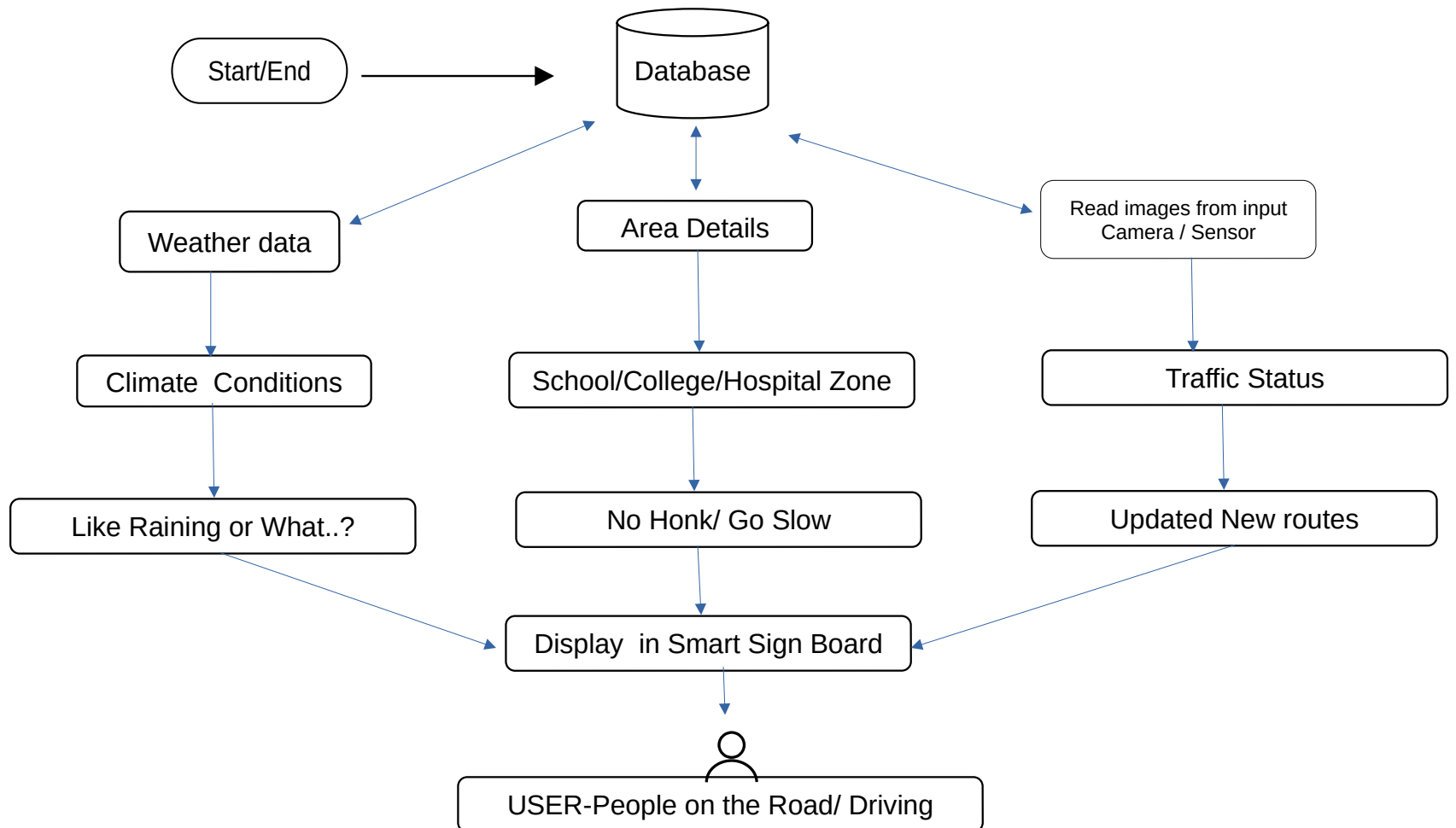
User Stories

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Travellers	Registration	USN-1	As a user, no need to Register and all	--	no	-
		USN-2	As Smart Sign board available on Roads	I can easily saw on The Way	High	Sprint-1
	Login	USN-3	Through OpenWeather Map, speed limitation is controlled	I can access weather API	If Needed	Sprint-2
		USN-4	As a user, I can increaseor decrease myspeed according to the weather change	I can increase or decrease my speed	High	Sprint-1
		USN-5	As a user, I can I get my I can access traffic diversion signs my traffic status depending on the traffic ahead in my and the fatalsituations.	I can access my traffic status ahead in my travel	High	Sprint-2
	Interface	USN-6	As a user the interface should be simple and easily understand medium	Display is look user Friendly	High	Sprint-2
Customer (Web user)	Data generation	USN-7	I can get traffic diversions signs through smart sign board	I can access traffic status	High	Sprint -2
		USN-8	Use of OpenWeather map	Weather related nformation	Medium	Sprint-1
		USN-9	Use of Node-Red	To connect devices	High	Sprint -1
Administrator	Problem solving/ Fault clearance	USN-10	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 thesign boards for proper functioning.	Medium	Sprint -2