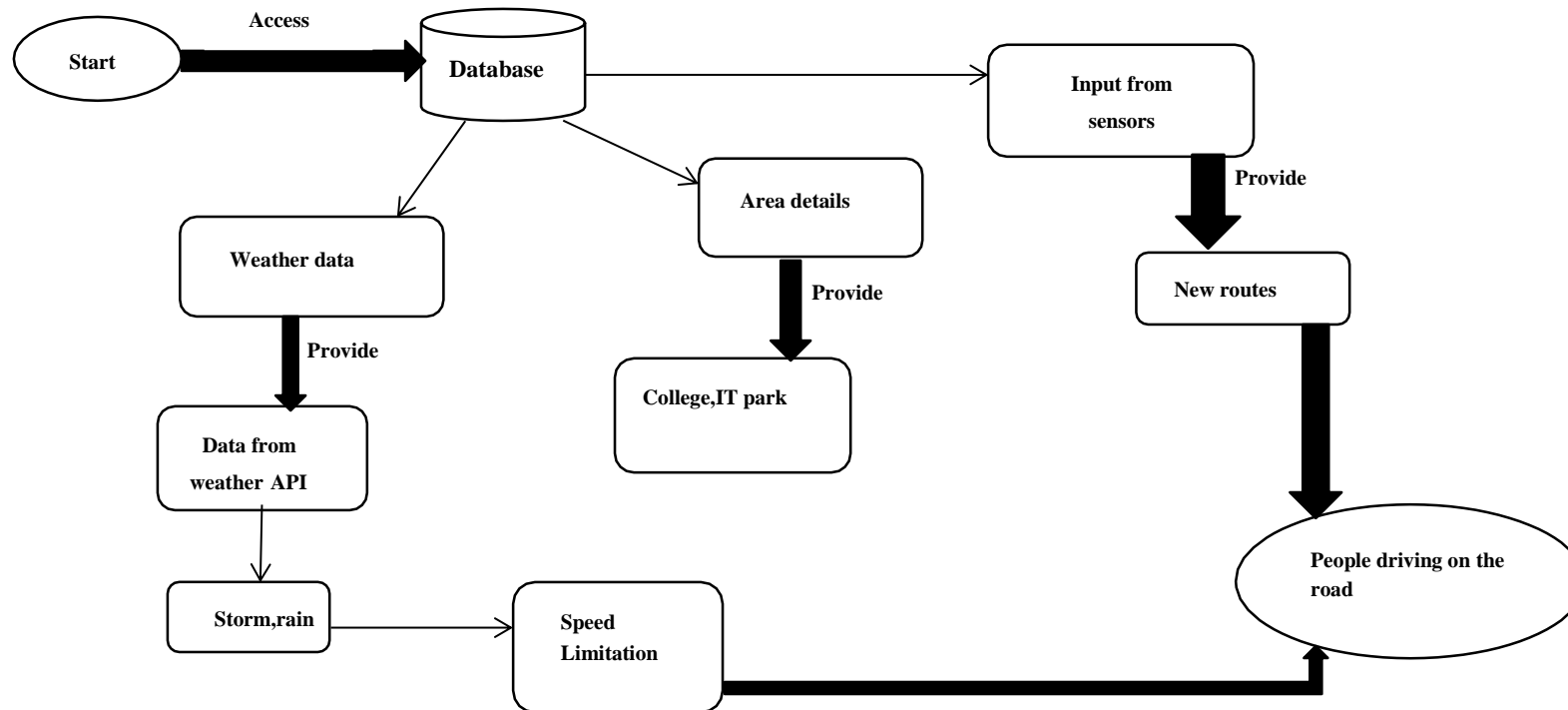


Project Design Phase-II

Data Flow Diagram & User Stories

Date	15 October 2022
Team ID	PNT2022TMID32727
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	Login into the application	User can access Dashboard	High	Sprint-1
		USN-2	As a user, will receive confirmation email once the user have registered for the application	User can receive confirmation email & click confirm	High	Sprint-1
	Login	USN-3	Through OpenWeather Map, speed limitation is controlled	User can access weather API	High	Sprint-1
		USN-4	As a user,can control the driving speed	User can decrease/increase speed	High	Sprint-1
		USN-5	User can get traffic diversions signs through smart sign board	User can access traffic status	Medium	Sprint-1
		USN-6	User can get new updated routes due to traffic/accidents	User can handle the situation	Medium	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