Project Design Phase-II Data Flow
Diagram & User Stories

Date	06 November 2022
Team ID	PNT2022TMID23936
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. 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.
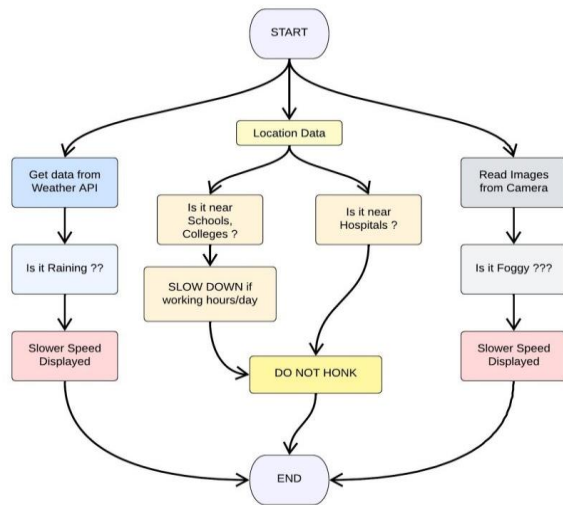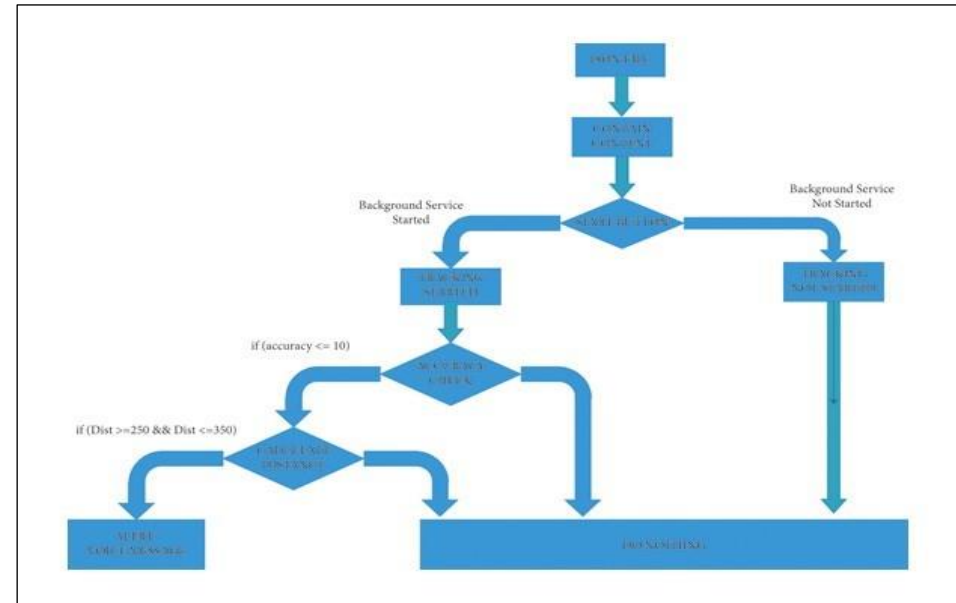
Example: Signs with Smart Connectivity for Better Road Safety

User Stories

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Traveller)	User Visibility	USN-1	As a user, I can able to read the message on the display and became aware of it	I can able to read the message	High	Sprint-1
		USN-2	As a user, I can able to know the nearby warning signs and became aware of it	I can able to know the nearby warning signs	Medium	Sprint-2
		USN-3	As a user, I can became aware of crossing by blinking light system and it keeps me awake	I can aware of road crossing places	Medium	Sprint-1
		USN-4	As a user, I can able to know the traffic signal countdown and get ready to move	I can know traffic signal countdown	Low	Sprint-4
	User Interaction	USN-5	As a user, I can get to know about the road conditions through the notification	I can know road conditions in notification	Low	Sprint-4
Customer (Pedestrian)		USN-6	As a user, I can able to change the crossing button manually to cross the road	I can change the crossing button manually	High	Sprint-2

Administrator		USN-7	As an admin, I can able to change the display messages manually using a security key	I can change the display message manually	Medium	Sprint-2
	Traffic Detection	USN-8	As an admin, I can able to track the traffic and able to display the message accordingly	I can track the traffic density	High	Sprint-3
		USN-9	As an admin, I can able to change the traffic lights based on the traffic detection	I can change traffic lights in case of emergency	High	Sprint-3
Customer (Traveller)	Communication	USN-10	As a user, I can get the weather alert based on the location	I can get weather alerts	Medium	Sprint-4
Administrator		USN-11	As an admin, I can able to alert the diversion to the user based on the traffic	I can alert the diversion to the user	High	Sprint-4