

Project Design Phase-II

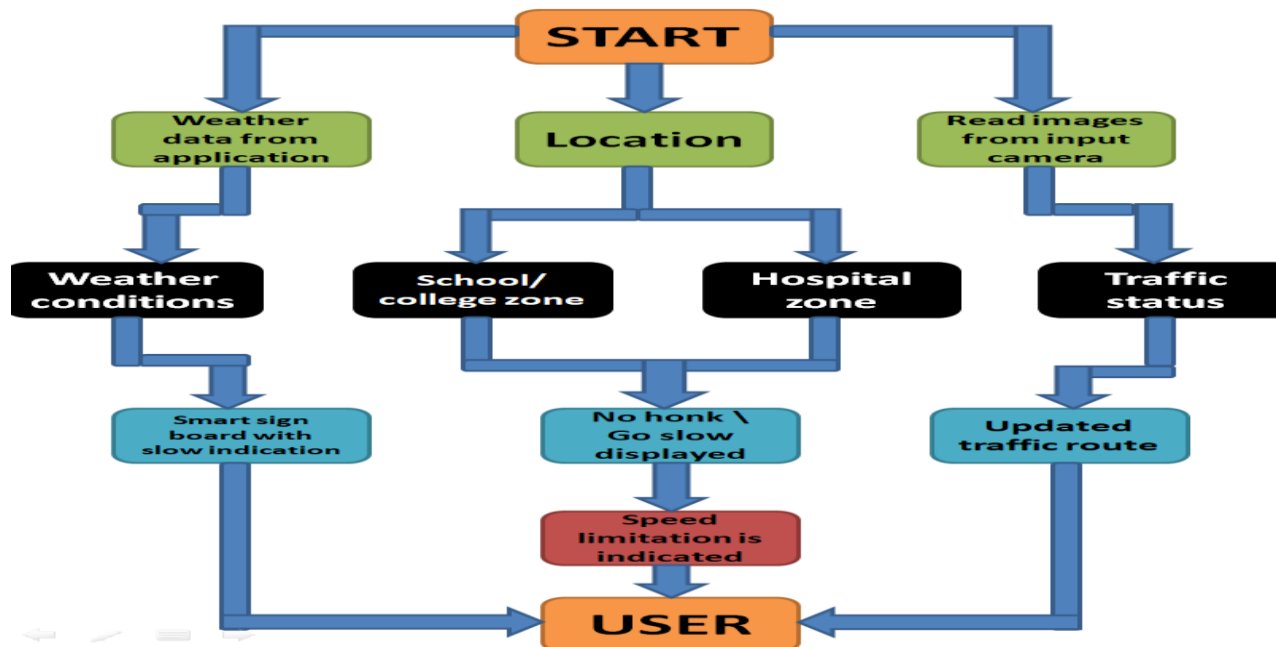
Data Flow Diagram & User Stories

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| Date | 10 October 2022 |
| Team ID | PNT2022TMID42985 |
| 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.

Data Flow Diagram - Signs With Smart Connectivity for Better Road Safety:



User Stories

Use the below template to list all the user stories for the product.

| User Type | Functional Requirement (Epic) | User Story Number | User Story / Task | Acceptance criteria | Priority | Release |
|--------------------------|-------------------------------------|-------------------|--|---|----------|----------|
| Customer (Mobile user) | Registration | USN-1 | I can get my speed limitation using weather application | I can receive speed limitations | High | Sprint-1 |
| | | USN-2 | As a user, I can register for the application by entering my email, password, and confirming my password. As a user, | I can access my account / dashboard | Medium | Sprint-2 |
| | | USN-3 | As a user, I can increase or decrease my speed according to the weather change | I can increase or decrease my speed | High | Sprint-1 |
| | | USN-4 | As a user, I can I get my traffic diversion signs depending on the traffic and the fatal situations. | I can access my traffic status ahead in my travel | Medium | Sprint-1 |
| | Login | USN-5 | As a user, I can log into the application by entering email & password | I can access the application through my Gmail login | High | Sprint-2 |
| | Interface | USN-6 | As a user the interface should be simple and easily accessible | I can access the interface easily | High | Sprint-1 |
| Customer (Web user) | Data Generation | USN-7 | As a user I use open weather application to access the data regarding the weather changes. | I can access the data regarding the weather through the application | High | Sprint-1 |
| Administrator(Officials) | Problem solving/ Fault clearance | USN-8 | 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 | Sprint-2 |