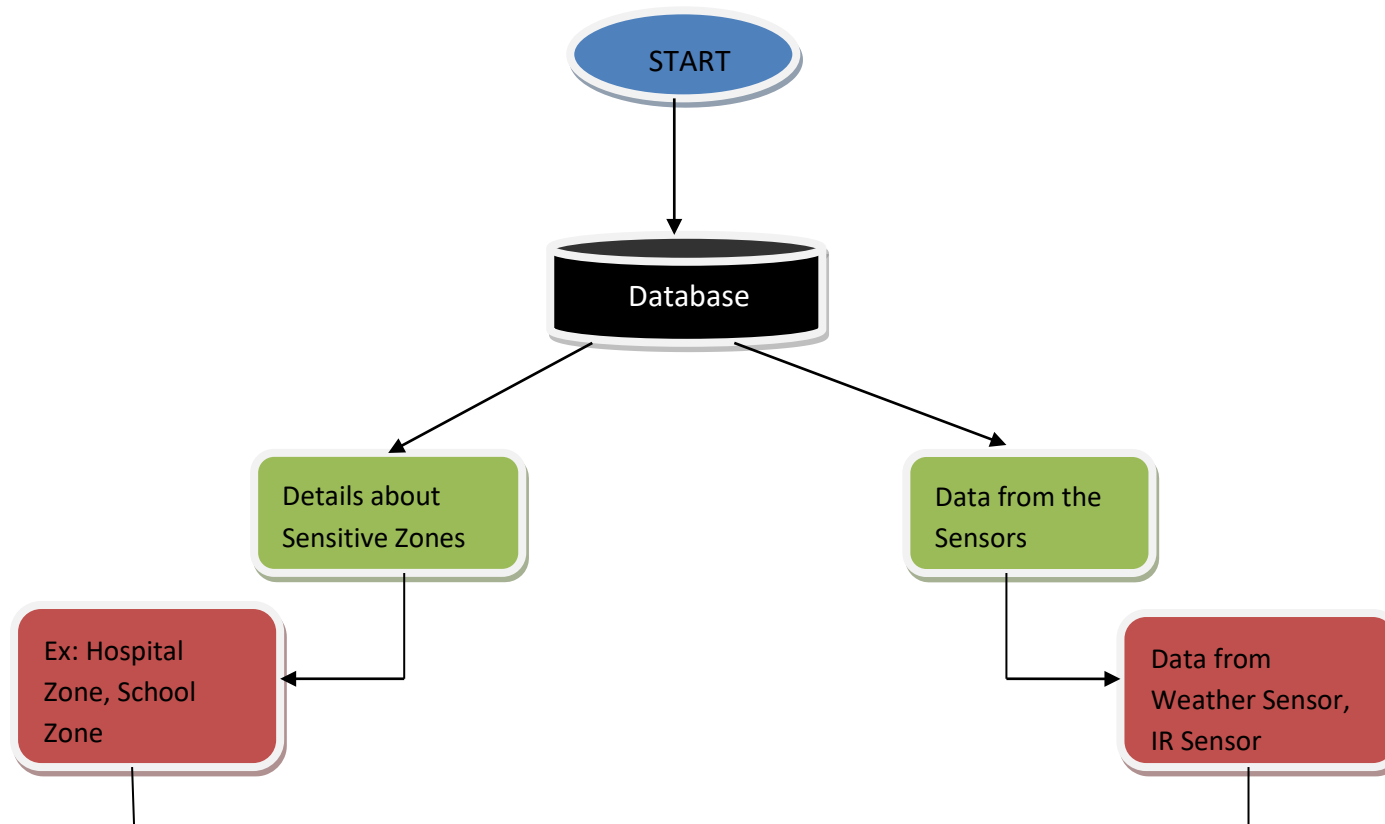


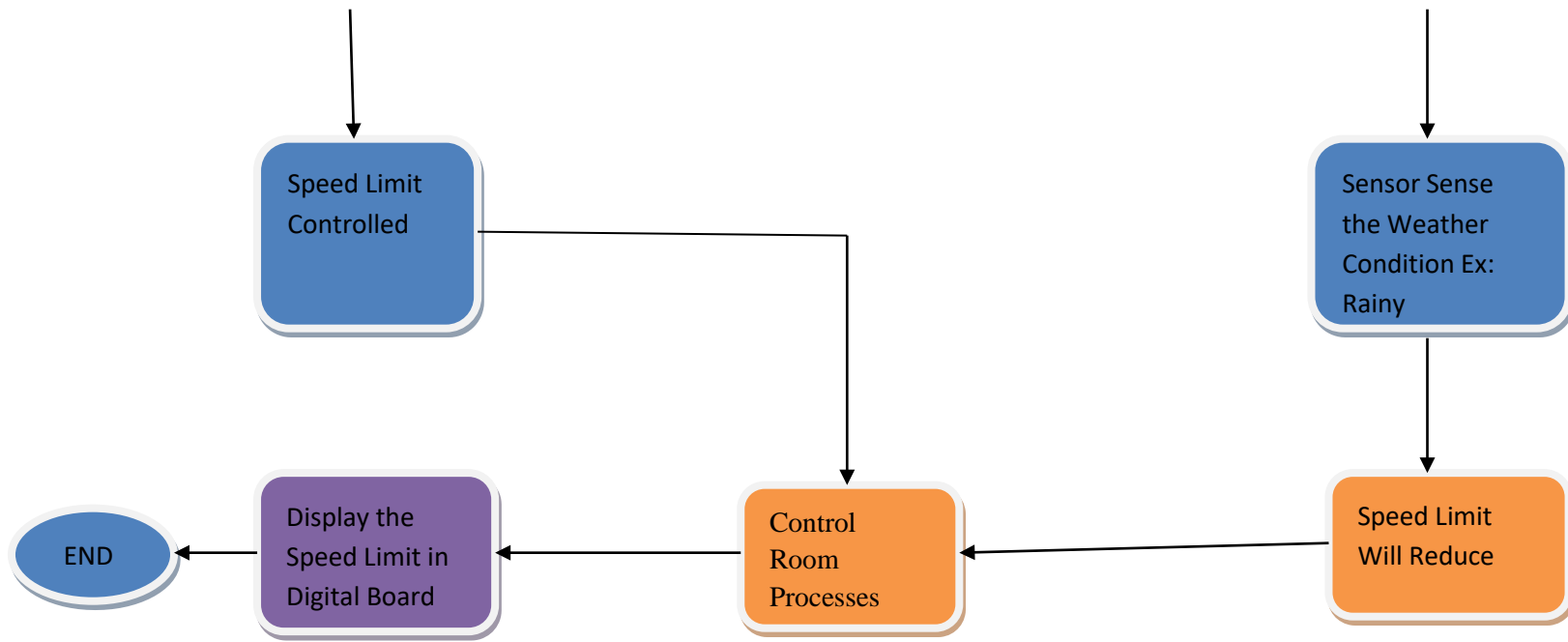
Project Design Phase- II

Data Flow Diagram & User Stories

| | |
|---------------|--|
| Date | 05 November 2022 |
| Team ID | PNT2022TMID25683 |
| Project Title | 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 (Drivers) | Distractions & Safety aspects | USN-1 | The user don't know the road speed limit in the case of rainy or any other weather condition. So that they want to know appropriate speed limit for ensure safety. | The weather sensor sense the weather condition& the data send to the server. | High | Sprint-1 |

| | | | | | | |
|---------------|-------------------------|-------|---|---|--------|----------|
| | Registration | USN-2 | Login into the application | I can access dashboard | High | Sprint-1 |
| | | USN-3 | I will receive email once I have registered for the application | Receive email & confirm | High | Sprint-1 |
| | | USN-4 | Through sensor, speed limitation is controlled | Decrease the speed limit | High | Sprint-1 |
| | | USN-5 | I can get info about road accidents | I can use the alternative route to reach my destination | Medium | Sprint-2 |
| Administrator | Analysis data & sending | USN-6 | Monitoring & updating the information | Monitoring the sensor data & sign board | Medium | Sprint-2 |
| Web users | Data producing | USN-7 | Use of Node Red | Connect devices | High | Sprint-2 |
| | | | | | | |