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|  | **(Functional and Non-functional)** |
| **Team ID** | PNT2022TMID41963 |
| **Title** | Signs with Smart Connectivity for Better Safety |

**Functional Requirements:**

Following are the functional requirements of the proposed solution.

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| **FR No**. | **Functional Requirement(Epic)** | **Sub Requirement(Story/Sub-Task)** |
| FR-1 | User Visibility | Sign Boards should be colored and are capable of attracting the drivers attention but it should also not be too distracting or blinding cause it may lead to accidents. |
| FR-2 | User Understanding | illustrations which will make it easily understandable to the driver. |
| FR-3 | User Convenience | The display should be big enough that it should even be visible from far distance clearly. |

**Non-Functional Requirements:**

Following are the Non-Functional Requirements of the proposed solution

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| **FR No.** | **Non-Functional Requirements** | **Description** |
| NFR-1 | **Usability** | It should be able to Upgrade and Update when there is a need for it. |
| NFR-2 | **Security** | It should have good security system so that no other |
|  |  | person is able to hack and display their own directions. |
| NFR-3 | **Reliability** | It should be able to display to information correctly and error-free. |
| NFR-4 | **Performance** | It should be able to automatically update itself when certain weather or traffic problem occurs. |
| NFR-5 | **Availability** | It should be available 24/7 so that it can be beneficial to the customer i.e the driver. |
| NFR-6 | **Scalability** | It should be able to easily change and upgrade according to change and need in requirement. |