**Project Design Phase-I**

**Proposed Solution Template**

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| Date | 23 September 2022 |
| Team ID | PNT2022TMID08042 |
| Project Name | Signs with Smart Connectivity for Better Road Safety |
| Maximum Marks | 2 Marks |

**Proposed Solution Template:**

Project team shall fill the following information in proposed solution template.

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| **S.No.** | **Parameter** | **Description** |
|  | Problem Statement (Problem to be solved) | Avoid the over speed and to decrease the accidents |
|  | Idea / Solution description | * TO REPLACE THE STATIC SIGNBOARDS, SMART CONNECTED SIGN BOARDS ARE USED. * THESE SMART CONNECTED SIGN BOARDS GET THE SPEED LIMITATIONS FROM A WEB APP USING WEATHER API AND UPDATE AUTOMATICALLY. * BASED ON THE WEATHER CHANGES THE SPEED MAY INCREASE OR DECREASE. * BASED ON THE TRAFFIC AND FATAL SITUATIONS THE DIVERSION SIGNS ARE DISPLAYED. * GUIDE(SCHOOLS), WARNING AND SERVICE(HOSPITALS, RESTAURANT) SIGNS ARE ALSO DISPLAYED ACCORDINGLY. * DIFFERENT MODES OF OPERATIONS CAN BE SELECTED WITH THE HELP OF BUTTONS. |
|  | Novelty / Uniqueness | Sign boards are converted to digitals |
|  | Social Impact / Customer Satisfaction | Reduce the accidents , Control the vehicles in speed |
|  | Business Model (Revenue Model) | In this we can get good no of users ,so that the business can get profit |
|  | Scalability of the Solution | We can scalable the project by schools and colleges as our customer |