

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.

| S.No. | Parameter | Description |
|-------|--|---|
| 1. | Problem Statement (Problem to be solved) | Avoid the over speed and to decrease the accidents |
| 2. | Idea / Solution description | <ul style="list-style-type: none">• 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. |
| 3. | Novelty / Uniqueness | Sign boards are converted to digitals |
| 4. | Social Impact / Customer Satisfaction | Reduce the accidents , Control the vehicles in speed |
| 5. | Business Model (Revenue Model) | In this we can get good no of users ,so that the business can get profit |
| 6. | Scalability of the Solution | We can scalable the project by schools and colleges as our customer |