

## Project Design Phase-I

### ProposedSolution

Date	19September2022
ProjectName	Project-Sings with smart connectivity for better road safety

S.No.	Parameter	Description
1.	ProblemStatement(Problemto be solved)	<p>Signs with smart connectivity for better road safety.</p> <p>To replace the static sign boards with digital smart connected sign boards which updates the realtime signs from the weather API automatically.</p>
2.	Idea/Solutiondescription	<p>A smart and essential updation for static sign boards system such as provide realtime speed limit,hazards intimation based on weather and current road conditions.</p>
3.	Novelty/ Uniqueness	<p>*Unlike static sign boards these have some specific features such as display special signs such as diversion ,high beam indication during night time,signs for fluffiest roads&amp; processions or protest held which signs.</p> <p>*Additional features such as government information about adds.</p> <p>*Some of salient feature of these board was it is adaptable by current environment and mode can be selected by provided buttons.</p>
4.	SocialImpact/ CustomerSatisfaction	<p>*To improve the significance of sign board system and create better awareness about them among people.</p> <p>*As the signs are displayed by realtime serious issues are reduced mainly accidents.</p>
5.	BusinessModel(RevenueModel)	<p><b>End users:</b></p> <ul style="list-style-type: none"><li>*NHAI</li><li>*Pedestrians</li><li>*Traffic police</li></ul> <p>The government contracts with these sign boards increases the current demand on them.</p>

6.	Scalability of the Solution	<p>These kinds of boards are adaptable to any situation and also to every condition</p> <p>Implementation of these sign boards leads to standardization in the current sign boards system</p>
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