

**Project Design Phase-1**  
**Proposed Solution Template**

<b>TEAM ID</b>	<b>PNT2022TMID36746</b>
<b>PROJECT NAME</b>	<b>Signs With Smart Connectivity For Better Road Safety</b>
<b>TEAM MEMBERS</b>	<ul style="list-style-type: none"><li>● <b>VIGNESH.V(210219106039)</b></li><li>● <b>VISHAL.M(210219106041)</b></li><li>● <b>SANJAY KUMAR.S(210219106032)</b></li></ul>

**Proposed Solution:**

<b>S.NO</b>	<b>PARAMETERS</b>	<b>DESCRIPTION</b>
<b>1.</b>	<b>Problem Statement (Problem To Be Solved)</b>	<ul style="list-style-type: none"><li>● To prevent the road accidents (using IOT)</li></ul>
<b>2.</b>	<b>Ideas/Solution Description</b>	<ul style="list-style-type: none"><li>● By preparing a smart signs using IOT instead of regular signs hung on the road</li><li>● Smart signs are built with IOT and LED are used</li></ul>
<b>3.</b>	<b>Novelty/Uniqueness</b>	<ul style="list-style-type: none"><li>● Since LED's are used which is visible from afar</li><li>● The smart signs consists of temperture,humidity,wind speed</li><li>● These information are received from ehether monitoring app</li><li>● It also gives information about nearbyp places such as hosipital,school,etc</li></ul>
<b>4.</b>	<b>Social Impact/Customer Satisfication</b>	<ul style="list-style-type: none"><li>● These create a noticable impact on the road safety department</li><li>● By deciding a speed limit for the user,there is significant change in reducing the accidents</li></ul>
<b>5.</b>	<b>Business Model(Finiancial Benefits)</b>	<ul style="list-style-type: none"><li>● By executing these for commoners by the government,it is great intiative in creating a awarness among the people</li><li>● A separate budget can be allotted for this by the government,which have a way for a safe envirnoment.</li></ul>
<b>6.</b>	<b>Scalability Of The Solution</b>	<ul style="list-style-type: none"><li>● It has greater chance in reducing the risk of the people as it more visible than the normal signs,which saves a lot of lives at state</li></ul>