

Define CS, fit into CC	<b>1. CUSTOMER SEGMENT(S)</b> <span>CS</span> <ul style="list-style-type: none"><li>• Drivers</li><li>• Passengers</li><li>• pedestrians</li></ul>	<b>6. CUSTOMER CONSTRAINTS</b> <span>CC</span> <ul style="list-style-type: none"><li>• Power consumption is</li><li>• high Network connection</li><li>• Technical issues</li></ul>	<b>5. AVAILABLE SOLUTIONS</b> <span>AS</span> <p>Static sign boards show only one particular information, but smart sign board provides us various information spontaneously based on the present conditions of that particular location.</p>	Explore AS, differentiate
	<b>2. JOBS-TO-BE-DONE / PROBLEMS</b> <span>J&amp;P</span> <ul style="list-style-type: none"><li>• Speed limit can be adjusted according to weather condition for safety.</li><li>• Used to display school zone or hospital zone</li><li>• Reduce the time taken for travel based on the traffic analysis.</li><li>• Based on the traffic and fatal situations the diversion signs are displayed.</li></ul>	<b>9. PROBLEM ROOT CAUSE</b> <span>RC</span> <p>Earlier systems were more prone to accidents because static sign boards cannot be changed based on the environmental conditions.</p>	<b>7. BEHAVIOUR</b> <span>BE</span> <p>They can search their problems on the website, and signboard shows the desired information</p>	

<div data-bbox="165 49 300 76" data-label="Section-Header"> <h3>3. TRIGGERS</h3> </div> <div data-bbox="165 102 203 129" data-label="Text"> <p>TR</p> </div> <div data-bbox="215 138 658 376" data-label="List-Group"> <ul style="list-style-type: none"> <li>• Increase productivity of the day and time can be efficiently managed.</li> <li>• Ensure road safety</li> <li>• Cost effective</li> </ul> </div> <div data-bbox="165 384 546 512" data-label="Text"> <p>(instead of using multiple static sign boards, our smart sign board can perform multiple tasks)</p> </div>	<div data-bbox="723 57 934 84" data-label="Section-Header"> <h3>10. YOUR SOLUTION</h3> </div> <div data-bbox="1290 49 1323 76" data-label="Text"> <p>SL</p> </div> <div data-bbox="734 169 1565 368" data-label="Text"> <p>The weather and temperature details are obtained from the OpenWeatherMap API. Using these details, the speed limit will be updated automatically in accordance with the weather conditions. Also, the details regarding any accidents and traffic congestion faced on the particular road are obtained .Based on this, the traffic is diverted followed by a change in map path and the traffic is cleared.</p> </div> <div data-bbox="734 405 1565 703" data-label="Text"> <p>So in the traffic sign board , some buttons will be placed which will be used to make it generic; where each button will be given a functionality such as changing the warning signs, which are predefined and separate signs will be present for both school and hospital zones. By activating this button, either through the web application or the physical buttons, sign of the board can be changed accordingly, and the speed limit will also be set depending upon the zones. Also, the pedestrians are given an option to change the traffic signs if they want to cross the road.</p> </div> <div data-bbox="734 740 1565 804" data-label="Text"> <p>if the pedestrian presses the button that is present on the post at the end of the road, then the traffic will be analyzed immediately.</p> </div> <div data-bbox="734 841 1565 940" data-label="Text"> <p>Accordingly, the sign of the traffic signal will be changed. This in turn reduces the frequent changing of the traffic signs even if the pedestrians are not present.</p> </div>	<div data-bbox="1644 49 1946 76" data-label="Section-Header"> <h3>8. CHANNELS of BEHAVIOUR</h3> </div> <div data-bbox="2069 49 2092 116" data-label="Text"> <p>CH</p> </div> <div data-bbox="1644 169 2047 288" data-label="Text"> <p>1. ONLINE Online website provides information according to the customer's need.</p> </div> <div data-bbox="1644 333 2047 647" data-label="Text"> <p>2. OFFLINE In offline, according to the information acquired from the website, customer can take the required action i.e increase or reduce speed, avoids traffic, changing the routes. s</p> </div>
<div data-bbox="165 994 492 1021" data-label="Section-Header"> <h3>4. EMOTIONS: BEFORE / AFTER</h3> </div> <div data-bbox="165 1046 203 1074" data-label="Text"> <p>EM</p> </div> <div data-bbox="165 1078 669 1198" data-label="Text"> <p>Life risk &gt; safer – speed limit adjustment increases safety Tedious &gt; simple, comfortable – easy guidance and reduce the number of sign boards used.</p> </div>		