

## Project Design Phase-I Problem – Solution Fit Template

Date	15.10.2022
Team ID	PNT2022TMID09895
Project Name	Car resale value prediction
Maximum Marks	2 Marks

### Problem – Solution Fit Template:

♣ The main aim of this project is to predict the price of used cars using different Machine Learning models ♣ currently,if anyone wants to sell their car either they have to take their car to a respective company workshop to get an estimate of the price ♣ This will save customers time and help the company to reduce its cost And also streamline the process of selling used car

### Template:

<b>1. CUSTOMER SEGMENT(S)</b> <span>CS</span> <ul style="list-style-type: none"> <li>Industrialists</li> <li>Engineers</li> <li>Safety Control Personals</li> </ul>	<b>6. CUSTOMER CONSTRAINTS</b> <span>CC</span> <ul style="list-style-type: none"> <li>Network Connection</li> <li>Complexity in Installation</li> </ul>	<b>5. AVAILABLE SOLUTIONS</b> <span>AS</span> <ul style="list-style-type: none"> <li>Upgrading to a premium network plan.</li> <li>Availing network connection from a reliable Service provider.</li> </ul>
<b>2. JOBS-TO-BE-DONE / PROBLEMS</b> <span>JBP</span> <ul style="list-style-type: none"> <li>Capability of the device to withstand in harsh environment is questionable.</li> <li>Due to network issue data couldn't be uploaded to the cloud at all times.</li> </ul>	<b>9. PROBLEM ROOT CAUSE</b> <span>RC</span> <ul style="list-style-type: none"> <li>Quality of the material using which the device is made up of plays a vital role in the capability of the device to work in harsh environment.</li> <li>Location of the device installation and the network plan used by the user are the cause of Network issue.</li> </ul>	<b>7. BEHAVIOUR</b> <span>BE</span> <ul style="list-style-type: none"> <li>Harsh environment is prevailing only on certain industry; thus, the frequency of the said problem is low. In such a case the customer complaints multiple times to get the attention.</li> <li>Network issue is very common as most of the industries are located at the country side. Here the contact both the developers and the service providers</li> </ul>
<b>3. TRIGGERS</b> <span>TR</span> <ul style="list-style-type: none"> <li>Usage of the device is portrayed in the news.</li> <li>In real life situation, the device has helped in saving number of individuals.</li> </ul> <b>4. EMOTIONS: BEFORE/AFTER</b> <span>EM</span> <ul style="list-style-type: none"> <li>Before the action is taken, the user feels deceived and cheated.</li> <li>After the problem is resolved, user feels the sincerity of the developers.</li> </ul>	<b>10. YOUR SOLUTION</b> <span>S</span> <ul style="list-style-type: none"> <li>Network strength must be boosted in the device</li> <li>Device can be manufactured in multiple standards based on the environment.</li> </ul>	<b>8. CHANNELS OF BEHAVIOUR</b> <span>CH</span> <b>8.1 ONLINE</b> <ul style="list-style-type: none"> <li>E-Mail to developers</li> <li>Online Community</li> </ul> <b>8.2 OFFLINE</b> <ul style="list-style-type: none"> <li>Complaint Letters</li> </ul>

