

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

Date	19 September 2022
Team ID	PNT2022TMID16769
Project Name	Project – Intelligent vehicle damage assessment and cost estimator for insurance companies.
Maximum Marks	2 Marks

**Proposed Solution:**

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	<ul style="list-style-type: none"> <li>Develop an efficient application that can be useful for customer.</li> <li>The goal of this dissertation is to develop a system capable of automatically identifying and locating damages in images of vehicle.</li> </ul>
2.	Idea / Solution description	<ul style="list-style-type: none"> <li>This helps to customer to claim the insurance when your car damaged.</li> <li>We propose employing convolution neural network to build a mask R-CNN model that can detect the area of damage.</li> </ul>
3.	Novelty / Uniqueness	<ul style="list-style-type: none"> <li>Avoid unauthorized user.</li> <li>Providing good customer support.</li> </ul>
4.	Social Impact / Customer Satisfaction	<ul style="list-style-type: none"> <li>This model would help in reducing the cost of processing insurance clients and lead to greater customer satisfaction.</li> <li>Easy to operate and user-friendly interface.</li> </ul>
5.	Business Model (Revenue Model)	<ul style="list-style-type: none"> <li>This application is advertised all over the platforms and it can be helpful for customer to claim.</li> <li>As the application usage can be understood by everyone.</li> <li>It is easy for them to use it properly for their safety.</li> </ul>
6.	Scalability of the Solution	<ul style="list-style-type: none"> <li>Vehicle damage insurance is the essential one for all persons.</li> <li>So everyone will use this application to estimate their damage of vehicle.</li> </ul>