

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

Date	20 Augest 2022
Team ID	PNT2022TMID43010
Project Name	INTELLIGENT VEHICLE DAMAGE ASSESSMENT AND COST ESTIMATION FOR INSURANCE COMPANIES
Maximum Marks	2 Marks

Project Title: Intelligent Vehicle Damage Assessment &cost estimator for insurance companies

Team ID: PNT2022TMID46848

1. CUSTOMER SEGMENT

- Common people
- Car companies
- Insurance companies
- Vehicle owner

CS

CUSTOMER

CONSTRAINTS Trust

Problem : The insurance companies

Give the fake information about the estimation cost modify damage part of ensuring profit of company from user

Anxiety : Customer concern is the level of

2. JOBS-TO-BE-DONE /a PROBLEMS

- Analyze the damage part and giving good cost estimation for customer satisfy and support system
- Provide the good prediction system to predict the level of damage and modify the damage parts

9. PROBLEM ROOT CAUSE

- Unaware about the level of damage
- Proper information about the estimation cost

By gathering information about the damage assessment from customer side and vehicle companies to understand the level of damage and cost needed to same

Searching the through the internet such as online website get the insight about the damage

- Not proper maintenance and accident Something etc.....
- ## 7. BEHAVIOUR

The user does not know or is unaware how to deal with the damage part of vehicle

Inefficient to predict the level of damage and analysis to estimate the cost the damaged part this is The behavior

severity of the damaged parts and fixing the extent of the damaged parts is also the customer concern.

5. AVAILABLE SOLUTIONS

3. TRIGGERS

10. YOUR SOLUTION

8. CHANNELS of BEHAVIOR

<ul style="list-style-type: none"> Seeking help to identify the level of the damaged part. To help people with good prediction and analysis of level and cost for the damaged part of the vehicle. 	<div>TR</div> <ul style="list-style-type: none"> Collecting damaged parts of vehicles and preprocessing them to identify the severity and the location of damage. Users will be able to identify the level of damage by the prediction system. Using VGG16 Model to train the damaged parts and trying to estimate the cost for the same. 	<div>CH</div> <div>Identify strong TR & EM</div> <div>ONLINE</div> <ul style="list-style-type: none"> Online Websites Social Media Platforms <div>OFFLINE</div> <ul style="list-style-type: none"> Customer throw Words Anxiety and Unawareness
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<div>4. EMOTIONS: BEFORE / AFTER</div> <div> <ul style="list-style-type: none"> <div>Before:</div> Lack of proper knowledge,Improper maintenance, Unawareness about the level of damage and difficulty in estimating the cost for damages. <div>After:</div> Good knowledge about the Vehicle parts ,Efficient prediction system giving the level of damage and analyzing cost for the same. </div>		
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