

Project Design Phase-I - Solution Fit Template

Project Title: Project - Intelligent Vehicle Damage Assessment & Cost Estimator for Insurance Companies

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Define CS, fit into CC	<p>1. CUSTOMER SEGMENT(S) CS</p> <ul style="list-style-type: none"> Vehicle Owners Car Companies Insurance Companies Common People 	<p>6. CUSTOMER CONSTRAINTS: CC</p> <ul style="list-style-type: none"> Anxiety: Customers are not aware of the level of damaged part in the vehicle and how much does the damage cost to reset the damaged part. Trust Issues: Insurance companies give false information about the Cost needed to modify the damaged part ensuring profit of company from users. 	<p>5. AVAILABLE SOLUTIONS AS</p> <ul style="list-style-type: none"> By Searching through the Internet such as online websites to get Insight about the damages By gathering Information from people and Vehicle companies to understand the level of damage and the cost needed for the same. 	Explore AS, differentiate
	<p>2. JOBS-TO-BE-DONE / PROBLEMS J&P</p> <ul style="list-style-type: none"> To provide good prediction system to predict the level of damage to the vehicle owners. To analyse the damaged part and giving good cost estimation range and support 	<p>9. PROBLEM ROOT CAUSE RC</p> <ul style="list-style-type: none"> Unaware about the level of damage. Lack of proper information about the estimated cost. Improper maintenance, Accidents etc.. 	<p>7. BEHAVIOUR BE</p> <ul style="list-style-type: none"> When User does not know or is unaware of how to deal with the damaged part of a vehicle. Inefficient to predict the level of damage and analysis to estimate the cost for the damaged part. 	
Identify strong TR & EM	<p>3. TRIGGERS TR</p> <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. 	<p>10. YOUR SOLUTION SL</p> <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. 	<p>8. CHANNELS of BEHAVIOR CH</p> <p>8.1 ONLINE Online Websites Social Media Platforms</p> <p>8.2 OFFLINE Customer throw Words Anxiety and Unawareness</p>	Identify strong TR & EM

<div data-bbox="152 60 454 84" data-label="Section-Header"><p>4. EMOTIONS: BEFORE / AFTER</p></div> <div data-bbox="721 103 761 135" data-label="Image"></div> <div data-bbox="174 140 779 352" data-label="List-Group"><ul style="list-style-type: none">• Before: Lack of proper knowledge ,Improper maintenance, Unawareness about the level of damage and difficulty in estimating the cost for damages.• After: 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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