





PROJECT DESIGN PHASE II

Date	12.10.2022
Team ID	PNT2022TMID50649
Project Name	Intelligent Vehicle Damage Assessment and Cost Estimator For Insurance Companies
Maximum Marks	4 Marks

CUSTOMER JOURNEY

Customer Journey

1 Phases	Requirements Needs	Image Collection	Image Preprocessing and Segmentation	Cost Estimation
High-level steps your user needs to accomplish from start to finish				
2 Steps				
Detailed actions your user has to perform	<div>Selection of Parameter</div> <div>Selection of methods to predict</div> <div>Estimation and Accuracy</div>	Capture the image of the damage vehicle and check the damage is visible in image. Upload the image through the Internet. Select the method of damage prediction and estimation of Cost	Mesurement of damage level in vehicle by using image detection algorithms. The Unnecessary images will be rejected. This image is processed analysed the information and interpret result.	Finally the damage is predicted and the cost is estimated of damage vehicle. IT will estimate by using the advanced artificial intelligence algorithms.
3 Feelings				
What your user might be thinking and feeling at the moment	<div><div>👍</div><div>👎</div></div> <div><div></div><div><div>Less Unused feature</div><div>Less development rework</div><div>Some Defects may Occur</div></div></div>	<div></div> <div>High specificity for target data.Detection limits below regulatory trigger criteria. The reasonable throughput for image collection is more quantity is difficult.</div>	<div></div> <div>Difficult to manage over time and with large dataset. Require operation to submit data, sometimes its configuration is required</div>	<div></div> <div>Usually feasible under exchange grants to a final estimated cost but it's challenging to accomplish the specific result to produce.</div>
4 Pain points				
Problems your user runs into	<div>Undocumented process</div> <div>Conflict Requirement</div> <div>Need of new technologies</div>	Lack of technology and human resources occur sometimes. Technical hurdles is one of the pain point. Sometimes it lead to denial of services.	Collecting of dataset can be expensive. The large dataset can least to more time to obtain the result. Sometimes incorrect may be an problem.	It still has a require data. Good quality needed for all. To estimate the cost of vehicle is not a easy process.
5 Opportunities				
Potential improvements or enhancements to the experience	<div>Lower Cost of development</div> <div>Higher level of requirement</div> <div>More beneficial Measures</div>	Image detection increase the efficiency. It provides much quicker and accurate result.	Appropriate image detection given an excellent output. Then it is easy to verify the parameters and estimate the cost of damage vehicle.	The utilization of data in decision making allows us to make decisions based on evidence and also speed up the things by making it easier to share the prediction. It also has the advantage of making it easier to verify the result in feature.