### Intelligent Vehicle Damage Assessment & Cost Estimator For Insurance Companies

Abstract:

### Nowadays, a lot of money is being wasted in the car insurance business due to leakage claims. Claims leakage Underwriting leakage is characterized as the discrepancy between the actual payment of claims made and the sum that should have been paid if all of the industry's leading practices were applied. Visual examination and testing have been used to may these results. However, they impose delays in the processing of claims. “Intelligent Vehicle Damage Assessment & Cost Estimator For Insurance Companies”

Introduction:

The aim of this project is to build a VGG16 model that can detect the area of damage on a car. The rationale for such a model is that it can be used by insurance companies for faster processing of claims if users can upload pics and the model can assess damage( be it dent scratch from and estimates the cost of damage. This model can also be used by lenders if they are underwriting a car loan, especially for a used car.

Literature survey:

PAPER 1:

A.Neela Madheswari, J.haripriya, G.Kiruthika, R.M.Meyammai at Mahendra Engineering college, India It can be used to vehicular damage detection using deep learning, department of computer science and engineering.

PAPER 2:

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PAPER 3:

This Can be Propsed ForCar damage detection and classification, faculty of information technology king Mongkut’s institute of technology ladkrabang Bangkok,Thailand

PAPER 4:

Najmeddine Dhieb, Hakim Ghazzai, Hichem Besbes, and Yehia Massoud. at 2019. A very deep transfer learning model for vehicle damage detection and localization.International Conference on Microelectronics (ICM).It will be more use for detection processing and controlling

PAPER 5:

Maeda, Hiroya, et al. Proposed for the "Road damage detection using deep neural networks with images captured through a smartphone and Imagenet classification with deep convolutional neural networks." Advances in neural information processing systems. In 2012