V.S.B.ENGINEERING COLLEGE, KARUR

Department of Computer Science and Engineering

IBM NALAIYA THIRAN

LITERATURE SUYVEY

TITLE   : Intelligent Vehicle Damage Assessment and Cost Estimator

                                         for Insurance Companies

DOMAIN NAME   : Artificial Intelligence

LEADER NAME   : Madhu D

TEAM MEMBER NAME   : Krishna Naveen RR,

                                         Krishnaprasath A,

                                         Pugalenthi R

MENTOR NAME   : Manikandan T

PROBLEM STATEMENT :

              A system and method are provided for automatically estimating a repair cost for a vehicle. A method includes: receiving, at a server computing device over an electronic network, one or more images of a damaged vehicle from a client computing device; performing image processing operations on each of the one or more images to detect external damage to a first set of parts of the vehicle; inferring internal damage to a second set of parts of the vehicle based on the detected external damage; and, calculating an estimated repair cost for the vehicle based on the detected external damage and inferred internal damage based on accessing a parts database that includes repair and labor costs for each part in the first and second sets of parts.

THINK AND FEEL?

Hoe do i use this feature?

Correct cost for the damage

What do they THINK AND FEEL?
what really counts
major preoccupations
worries 8 aspirations

It is hard task for the machine

Reduces liability

HEAR?

Shop around for the best deal

Insurance wrongly provided

What do they HEAR?
what friends say
what boss say
what influencers say

Damage report from the Vehicle owner

Idea from Industry Experts

Fraudulency over providing insurance

Center

Insurance Company

SEE?

Claim settelement ratio and reviews

In need of bargaining

Demand of spare parts

What do they SEE?
environment
friends
what the market offers

Demand on cars spare parts

Ensure effective and reliable approaches

SAY AND DO?

Avoid over speed

Follow traffic rules

What do they SAY AND DO?
attitude in public
appearance
behavior towards others

Drive defencively

Don't drink and drive

PAIN

The physical and emotional injuries

Loss of earning capacity

puts too much trust in his peers

PAIN
fears
frustrations
obstacles

Damage and recovery expenses

GAIN

New experience Safe and control

GAIN
"wants" / needs
measures of success
obstacles

No data shared with third parties

Protects driver and passenger liability

Assure of Repairs and Replacement