PROBLEM STATEMENT

Project: CAR RESALE VALUE PREDICTION

Repository: IBM-Project-9253-1658989648

GENERAL FORMAT:

"___is a _____who needs a way to ____so that_____"

Typical Problem Statements:

(1) SaiKumar is a Busy Manager Who Needs To Predict Resale Value Of His Car Because He wants to sell And Buy a New Model.

(2) SaiKumar is a Busy Manager Who Needs To Predict Resale Value Of A Car Because He wants to Buy An Used Car At A Lower Price.

(3) Surya is a Doctor Who Needs To Know The Value Of An Used BMW So That He Wants to Save Money By Buying an Used BMW.

(4) Surya Is A Used Car Reseller Who Needs To Know Current Resale Value Of Different Cars So That He can Run His Give Accurate Price Quotes To Customer.

(5) VenkatRagavan Is A Private Car Dealer Who Needs Current Resale Value Of Used Cars So That He Can Lease The Cars To Customers For A Specific Time Period.

(6) VenkatRagavan Is A Car Dealership Manager Who Needs To Know The Salvage Value Of Cars To Offer Buyback\Exchange Option To Customers At A Fair Price.

(7) Sethuraman Is A Police Auction Manager Who Needs Information Of Salvaged Car Prices To Offer Fair Prices In Police Car Auctions.

(8)Sethuraman is Taxi Business Manager Who Needs Approximate Resale Value Of Cars So He Can Sell\Buy New Or Used Taxi At a Fair Price.

(9)Suresh Is A Private Appraiser Who Needs To Have Knowledge Of Resale Value Of Cars So He Can Give Report On Maintainance\Upgrade Of Organisation Vehicles.

PROBLEM STATEMENT 1:

"The customer is a potential buyer of a used car who needs a way to find a reliable source for quotation as he needs to avoid being deceived by the seller".

Five W's for problem statement 1:

QUESTION	DESCRIPTION
WHO does the problem affect?	The problem affects the customer buying the car
WHAT are the issues and boundaries of the problem?	The issue of this problem is that they want a reliable source for quotation, and the problem boundaries include the customer, geographic area in which the car is sold, the dealer, etc.
WHEN does the issue occur?	The issue occurs when the customer looks to purchase a care for resale.
WHERE is the issue occurring?	The issue occurs at the side of the customer who wants to find a

QUESTION	DESCRIPTION
	reliable price.
WHY is it important that we fix the problem	**It allows the customer to feel satisfied with the price he is paying for the car.**

"The customer is a potential buyer of a used car who needs a way to independently gain access to a quotation as he wants to avoid needing to rely on a large number of people to request it."

Five W's for problem statement 2:

QUESTION	DESCRIPTION
WHO does the problem affect?	**The customer, while looking to purchase a car for resale and in search of quotations.**
WHAT are the issues and boundaries of the problem?	**The issue of this problem is that the customer does not want to rely on a large number of people for assessing the quotation, and instead wants to be able to independently access a quotation.**
WHEN does the issue occur?	**It occurs while the customer is trying to find a quotation for a resale car.**
WHERE is the issue	**At the customer end when he is**

QUESTION	DESCRIPTION
occurring?	looking for a quotation.
WHY is it important that we fix the problem	It allows the customer to be independent while looking up the quotation for a car for resale.

The car dealer is a potential seller of a used car who needs a way to provide precise quotation as he needs to avoid undercharging or overcharging the customer.

Five W's for problem statement 3:

QUESTION	DESCRIPTION
WHO does the problem affect?	The problem affects the dealer who is selling the car that is up for resale.
WHAT are the issues and boundaries of the problem?	The issue is that the dealer wants to quote a correct price so that he does not undercharge the customer and endure a loss, or overcharge the customer and lose his reputability.
WHEN does the issue occur?	The issue occurs when the dealer provides the customer with a quotation for the car up for resale.
WHERE is the issue occurring?	The issue occurs on the dealers side, when he wants to provide a quotation for a used car.