Ideation Phase
Define the Problem Statements

Date	19 September 2022
Team ID	PNT2022TMID02019
Project Name	PROJECT-CAR RESALES VALUE PREDICTION
Maximum Marks	2 Marks

The prices of new cars in the industry is fixed by the manufacturer with some additional costs incurred by the Government in the form of taxes. So customers buying a new car can be assured of the money they invest to be worthy. But due to the increased price of new cars and the inability of customers to buy new cars due to the lack of funds, used cars sales are on a global increase. Predicting the prices of used cars is an interesting and much-needed problem to be addressed. Customers can be widely exploited by fixing unrealistic prices for the used cars and many fall into this trap. Therefore, there arises an absolute necessity of a used car price prediction system to effectively determine the worthiness of the car using a variety of features. Due to the adverse pricing of cars and the nomadic nature of people in developed countries, the cars are mostly bought on a lease basis, where there is an agreement between the buyer and seller. These cars upon completion of the agreement are resold. So reselling has become an essential part of today's world.

The main aim of this project is to predict the price of used cars using the various Machine Learning (ML) models. This can enable the customers to make decisions based on different inputs or factors namely Brand or Type of the car one prefers like Ford, Hyundai, Model of the car namely Ford Figo, Hyundai Creta, Year of manufacturing like 2020, 2021, Type of fuel namely Petrol, Diesel, Price range or Budget, Type of transmission which the customer prefers like Automatic or Manual, Mileage to name a few characteristic features required by the customer. This project Car Price Prediction deals with providing the solution to these problems. Different techniques like multiple linear regression analysis, k-nearest neighbors, naïve bayes and decision trees have been used to make the predictions. The predictions are then evaluated and compared in order to find those which provide the best performances.

I am	Suffering from Color, Mileage, high cost and its condition
I am trying to	Go for as its resale leads to severe phenomenon.
But	But I cannot able to find an efficient way to do a complete resale of my anatomy without spending too much amount of time and also, I want a promising record of the conducted resale process
Because	I don't dare to have my car resale in a less promising manner.
Which makes me feel	Which makes me feel Very devastated and it may lead to severe damage because of late detection resale price.