**IDEATION PHASE**

**CAR RESALE VALUE PREDICTION**

**TEAM ID: PNT2022TMID04253**

**MEMBER 1:**

* Car Prediction using image.
* By using exterior and interior image of the car.
* The value will be predicted based on the appearance of the car.If there any damage or n numbers scratches the car resale value will be quite affected.
* By using neural network value of the car can be predicted
* Neural network algorithm is developed by considering the human brain that takes a set of unit as input and transfers results to a predefined output

**MEMBER2:**

* The main objective of this project is to predict the Prices of used cars, compare the prices and also estimate the life span of a particular car.
* Insurance, Company claims,etc
* regression  Algorithm is used to predict the value.
* Regression model based on k-nearest neighbor machine learningalgorithm was used to predict the price of a car.

**MEMBER 3:**

* Car prediction using engine condition.
* user should Upload engine Sound  in the format of audio file.
* By using Convolutional Neural Networks methodology price can be predicted.
* CNNs for Machine Learning on sound data by spectrogram approach that was just converts each song (or song segment) into a spectrogram: a twodimensional matrix

**MEMBER 4:**

* Economic Conditions.
* Kilometres Covered.
* Its mileage (the number of kilometers it has run) and its horsepower
* Car prediction using XGBoost  algorithmaccurate result will be monitored.
* XGBoost as a regression model gave the best MSLE and RMSLE values.