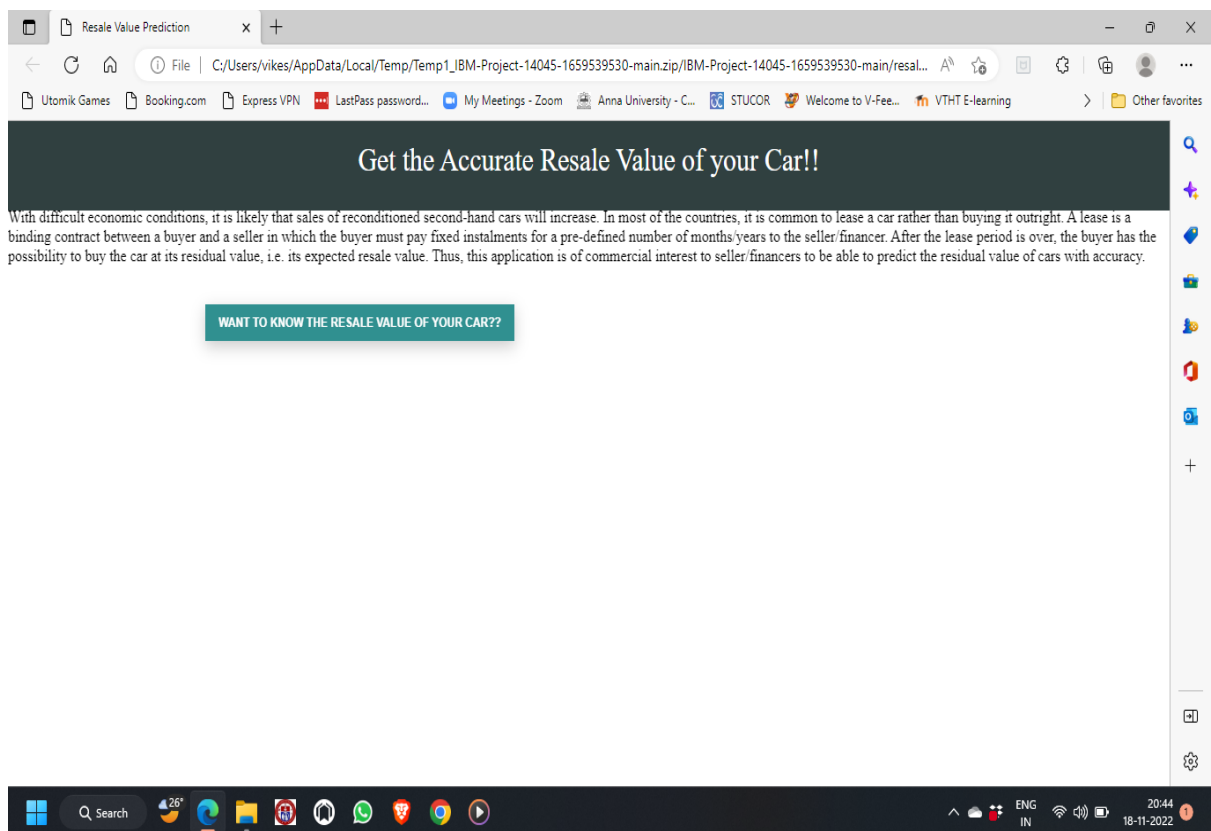


Sprint 4

Team ID	PNT2022TMID22229
Project Title	Car Resale Value Prediction
Team Members	Harish.K Karanraj Faseel Ahamed syed Afzal Rahuman

Step1: Resale introduction page is being developed here.



Step2: Resale Prediction page is being developed here which is the next page of the resale introduction page.

Resale Value Prediction

Get the Accurate Resale Value of your Car!!

Please fill the following details of your car:

Registration Year

Registration Month

Power of car in PS

Kilometers the car has driven

Gear Box Type ☐ Manual ☐ Automatic ☐ Not declared

Your car is damaged or repaired ☐ Yes ☐ No ☐ Not declared

Model Type

Brand of the car

Fuel type of the car

Vehicle type

{{typred}}

Step3: Design Phase is developed as the next process

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PROJECT DESIGN PHASE - 1

PROBLEM SOLUTION FIT

Date	06 November 2022
Team ID	PH02202202222
Project Name	Car resale value prediction
Maximum Marks	2 Marks

1. Customer Segments + Car mechanic + Customer	4. Customer Limitation Proper information about the car is to be known by the customer to find the resale value.	3. Available Solution To predict the resale value of the car, we use an intelligent, flexible, and effective system with web application.
10. Problems Customer should know the details of their car web application.	9. Problem root cause 1. No Proper platform for car resale value prediction. 2. No awareness of resale price of a used car.	7. Behavior Customers are supposed to enter the car details in the web application to find the resale price of the car.
3. Trainers to Act: 1) When customer decided to sell their car. 2) When car mechanic decides to buy a used car.	11. Your Solution Using predictive modelling to predict the resale value of car.	8. Channels of Behavior: 1. Online: car details to be entered in web application. 2. Offline: customers are supposed to collect the details of their car with the help of a car mechanic.
4. Emotions: Customers get an awareness of the resale price of their own car.		

Proposed Solution.pdf - Adobe Acrobat Reader (64-bit)

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Proposed Solution :

Project team shall fill the following information in proposed solution template.

S. No:	Parameter	Description
1.	Problem Statement (Problem to be solved)	With difficult economic conditions, it is likely that sales of second-hand imported (reconditioned) cars and used cars will increase. In many developed countries, it is common to lease a car rather than buying it outright. After the lease period is over, the buyer has the possibility to buy the car at its residual value, i.e., its expected resale value. Thus, it is of commercial interest to sellers/financers to be able to predict the salvage value (residual value) of cars with accuracy.
2.	Idea / Solution description	In order to predict the resale value of the car, we proposed an intelligent, flexible, and effective system that is based on using regression algorithms. Considering the main factors which would affect the resale value of a vehicle a regression model is to be built that would give the nearest resale value of the vehicle. We will be using various regression algorithms and algorithm with the best accuracy will be taken as a solution, then it will be integrated to the web-based application where the user is notified with the status of his product.
3.	Novelty / Uniqueness	Car resale value price data frequently resides in several locations from various sources, such as industries or private persons, to various source systems. The organization as a whole contributes to the data. This data becomes accessible and usable when it is combined into a single central

