PROJECT DESIGN PHASE-1

PROBLEM SOLUTION FIT

Date	30 September 2022
Team ID	PNT2022TMID37289
Project Name	Car Resale Value Prediction
Maximum Marks	2 Marks

Problem-Solution fit

Define CS, fit into CC

1. CUSTOMER SEGMENT(S) CS

People who want to know their car resale value

6. CUSTOMER CONSTRAINTS CC

1) The customer should know all the necessary details of the car.

5. AVAILABLE SOLUTIONS AS

1) Available solutions:
Car dekho
Car's 24
Ola cars

2) Past available solution:
Human predicted value

3) Consistent and unbiased price by the current solution which uses ML for predicting the value

Explore AS, differentiate

Focus on J&P, tap into BE, understand RC

2. JOBS-TO-BE-DONE / PROBLEMS J&P

1)People who own a car wants to know their car's resale value and their deprication value.

2)People who wants to buy a second hand car wants to know the car's residual value

9. PROBLEM ROOT CAUSE RC

1) Trusting anonymous brokers and having fear about their own car's condition.

2) People who are in need for a second hand car

7. BEHAVIOUR BE

1) Trusting the brokers blindly and selling their cars at low price.

2) User either quotes a price which doesnt meet the market price.

Focus on J&P, tap into BE, understand RC

Identify strong TR & EM

3. TRIGGERS TR

1)Tempted to sell their car with an intention of buying a new one.
2)People who need a clear view of their car's resale vaue.

4. EMOTIONS: BEFORE / AFTER EM

Before: Anxiety,Confused.
After : Clear mind, Peacefullness.

10. YOUR SOLUTION SL

1) Use efficient predicitng algorithm to give the best resale value of the car

2) Responsive Design for every screen sizes with attractive UI.

8. CHANNELS of BEHAVIOUR CH

8.1 ONLINE

Using applications which help user to predict the car resale price.

8.2 OFFLINE

Predicting the value of the car without having enough knowledge about the current market trends.

Extract online & offline CH of BE