

PROJECT DESIGN PHASE-1

PROBLEM SOLUTION FIT

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| Date | 30 September 2022 |
| Team ID | PNT2022TMID23912 |
| Project Name | Car Resale Value Prediction |
| Maximum Marks | 2 Marks |

Problem-Solution fit

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|-------------------------|---|---|--|-----------------------------------|
| 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 |
| | 2. JOBS-TO-BE-DONE / PROBLEMS J&P 1) People who own a car wants to know their car's resale value and their depreciation value. 2) People who want 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 doesn't meet the market price. | |
| 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 value. | 10. YOUR SOLUTION SL 1) Use efficient predicting 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. | Extract online & offline CH of BE |
| | 4. EMOTIONS: BEFORE / AFTER EM Before: Anxiety, Confused. After : Clear mind, Peacefulness. | | 8.2 OFFLINE Predicting the value of the car without having enough knowledge about the current market trends. | |