

Project Design Phase-I Problem – Solution Fit Template

Date	17 October 2022
Team ID	PNT2022TMID54519
Project Name	Car Resale value Prediction
Maximum Marks	2 Marks

Problem – Solution Fit Template:

Due to the huge requirement of second hand cars and lack of experts and technician who can't determine the correct value about the performance of the car, there is a gap between customer and sellers. The main objective of the project focuses on building a system that can accurately predict a resale value of the car based on minimal features.

Purpose:

- ☐ Solve complex problems in a way that fits the state of your customers.
- ☐ Succeed faster and increase your solution adoption by tapping into existing mediums and channels of behavior.
- ☐ Sharpen your communication and marketing strategy with the right triggers and messaging.
- ☐ Increase touch-points with your company by finding the right problem-behavior fit and building trust by solving frequent annoyances, or urgent or costly problems.
- ☐ Understand the existing situation in order to improve it for your target group.

Template:

PROJECT TITLE: Car Resale value Prediction		PROJECT DESIGN PHASE 1: Solution Fit		TEAM ID: PNT2022TMID08862	
1. CUSTOMER SEGMENT(S) CS <small>Define CS, fit into CL</small> <ul style="list-style-type: none"> ✓ Sellers of their car ✓ Common and business members ✓ Racing members 	6. CUSTOMER LIMITATIONS CL <small>eg. BUDGET, DEVICES</small> <ul style="list-style-type: none"> ✓ Customers need to provide proper data while ordering ✓ Customers need to provide valid address ✓ Avoid unnecessary comments 	5. AVAILABLE SOLUTIONS AS <small>PLUSES & MINUSES</small> Present Solution: Different online website to fetch results. Existing Solution: App with different features and process, delivery the car.			
2. PROBLEMS / PAINS PR <small>ITS FREQUENCY</small> <ul style="list-style-type: none"> ✓ Expectation are must so provide valid information's about the car ✓ To clear the customer queries 	9. PROBLEM ROOT / CAUSE RC <ul style="list-style-type: none"> ✓ It becomes very poor accuracy to predict the rate by admin/owner need to done in resale their car 	7. BEHAVIOR BE <small>ITS INTENSITY</small> <ul style="list-style-type: none"> ✓ Due to the user doesn't have enough knowledge about that how to predict value of the resale cars in a kind of situation occurs. 			
3. TRIGGERS TO ACT TR <ul style="list-style-type: none"> ✓ By giving advertisements ✓ To provide except more car information 	10. YOUR SOLUTION SL To predict the car resale value based on the complete details of the car status by using machine learning with regression model		8. CHANNELS of BEHAVIOR CH <small>ONLINE</small> <ul style="list-style-type: none"> ✓ Enter the complete car details and take a correct decision according to based on car resale value prediction <small>OFFLINE</small> <ul style="list-style-type: none"> ✓ Customers prefer offline for spending time with their family and friends 		
4. EMOTIONS EM <small>BEFORE / AFTER</small> Before: Difficult to get proper info about the car. After: Based on our solution, customers can easily fetch the car details from the seller					

References:

1. <https://www.ideahackers.network/problem-solution-fit-canvas/>
2. <https://medium.com/@epicantus/problem-solution-fit-canvas-aa3dd59cb4fe>