

Project Design Phase-I Problem Solution Fit

Date	26 September 2022
Team ID	PNT2022TMID40758
Project Name	TRIP-BASED FUEL CONSUMPTION PREDICTION
Maximum Marks	

Problem-Solution fit

Define CS, fit into CC	1. CUSTOMER SEGMENT(S) CS	6. CUSTOMER CONSTRAINTS CC	5. AVAILABLE SOLUTIONS AS	Explore AS, differentiate
	Companies and Organizations, developers and ordinary people	Low accessibility to existing solution Device compatibility	A software exists which gets the dataset and after training the model, predicts the result. Various models have been developed, but have not been implemented and brought into use.	
Focus on J&P, tap into BE, understand RC	2. JOBS-TO-BE-DONE / PROBLEMS J&P	9. PROBLEM ROOT CAUSE RC	7. BEHAVIOUR BE	Focus on J&P, tap into BE, understand RC
	High Fuel Expense No Proper platform for fuel consumption prediction	Lack of awareness about fuel consumption Existing solutions are minimal and does not meet user expectations	Research about variations in fuel consumption Search for solutions online Seek suggestions from others	
Identify strong TR & EM	3. TRIGGERS TR	10. YOUR SOLUTION SL	8. CHANNELS of BEHAVIOUR CH	
	Finding it difficult to manage fuel consumption of vehicles Realizing that the fuel expense is significantly higher than estimated			
Identify strong TR & EM	4. EMOTIONS: BEFORE / AFTER EM		Extract online & offline CH of BE	
	Before - frustration, confused After - satisfied, feeling productive and smart			



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