

Project Title: Signs with Smart connectivity for better road Safety
Project Design Phase-I Solution Fit Template
Team ID: PNT2022TMID39403

Problem-Solution fit canvas 2.0

Purpose / Vision

Define CS, fit into CC	1. CUSTOMER SEGMENT(S) <small>Who is your customer? i.e. working parents of 0-5 y.o. kids</small>	6. CUSTOMER CONSTRAINTS <small>What constraints prevent your customers from taking action or limit their choices of solutions? i.e. spending power, budget, no cash, network connection, available devices.</small>	5. AVAILABLE SOLUTIONS <small>Which solutions are available to the customers when they face the problem or need to get the job done? What have they tried in the past? What pros & cons do these solutions have? i.e. pen and paper is an alternative to digital notetaking</small>	Explore AS, differentiate
	People using roads in cities.	Need to follow rules, waiting in traffic for long time increase fuel consumption, Reducing road accidents causes less vehicular damages.	Over speed vehicles detection Video based traffic monitoring system to detect accidents and defend the people using pedestrian cross in traffics.	
Focus on J&P, tap into BE, understand RC	2. JOBS-TO-BE-DONE / PROBLEMS <small>Which jobs-to-be-done (or problems) do you address for your customers? There could be more than one, explore different sides.</small>	9. PROBLEM ROOT CAUSE <small>What is the real reason that this problem exists? What is the back story behind the need to do this job? i.e. customers have to do it because of the change in regulations.</small>	7. BEHAVIOUR <small>What does your customer do to address the problem and get the job done? i.e. directly related: find the right solar panel installer, calculate usage and benefits, indirectly associated: customers spend free time on volunteering work (i.e. Greenpeace)</small>	Focus on J&P, tap into BE, understand RC
	Traffic congestions improper traffic signs more accident due to overspeeding Afraid to cross the road due to rash driving	Not following the traffic rules properly. Due to usage of more vehicles. Non adherence to lane driving and overtaking in a wrong manner. Lack of conscious on the roads.	Leaving way to the emergency vehicles. Stop the vehicle to help elderly people to cross the lane.	
Identify strong TR & EM	3. TRIGGERS <small>What triggers the customer to take action?</small>	10. YOUR SOLUTION <small>If you are working on an existing business, write down your current solution first, fill in the canvas, and check how much it fits reality. If you are working on a new business proposition, then keep it blank until you fill in the canvas and come up with a solution that fits within customer limitations, solves a problem and matches customer behaviour.</small>	8. CHANNELS of BEHAVIOUR <small>B.1 ONLINE</small>	Extract online & offline CH of BE
	To reach on time (eg: Meetings, exams, etc..)	Our proposed solutions are vehicles density-based traffic controls system with a smart pedestrian crossing connectivity to the smart traffic signs.	Taking videos and photography of a person who got accidents without	
	4. EMOTIONS: BEFORE / AFTER <small>What emotions do your customers experience before and after the job is done?</small>		<small>B.2 OFFLINE</small>	
	Angry, Annoyed, Combative, Exhausted		Falling to obey the stop signals and signs, Drank driving	



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