

Project Design Phase-I

Problem – Solution Fit Template

Date	19 September 2022
Team ID	PNT2022TMID36322
Project Name	Personal Assistance for Seniors Who are Self Reliant
Maximum Marks	2 marks

Problem – Solution Fit Template:

Define CS, fit into CC	1. CUSTOMER SEGMENT(S) CS Who is your customer? i.e. working parents of 0-5 y.o. kids Elderly people who are self reliant	6. CUSTOMER CONSTRAINTS CC 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. There is no one nearby to take care of them and remaind them to take medicine on time.	5. AVAILABLE SOLUTIONS AS 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 An intervention called CAPABLE for Community Aging in Place, Advancing Better Living for Elders - involves home visits with an occupational therapist, a registered nurse, and a handyman to work together with older adults to identify mobility and self-care issues in their homes and fix or modify them.	Explore AS, differentiate
	2. JOBS-TO-BE-DONE / PROBLEMS J&P Which jobs-to-be-done (or problems) do you address for your customers? There could be more than one; explore different sides. 1) To remaind them to take medicine on time. 2) To keep in track of the medicine inventory. 3) To Alert the caretaker in case of emergency situations.	9. PROBLEM ROOT CAUSE RC 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. Their caretaker are not round all the time or not near them to take care of them. Sometimes, the elderly themselevs want to be slef reliant.	7. BEHAVIOUR BE 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) Elderly people are forgetful in taking their medicines. So their caretaker call them to remaind them to take medicines.	
Identify strong TR & EM	3. TRIGGERS TR What triggers customers to act? i.e. seeing their neighbour installing solar panels, reading about a more efficient solution in the news. Since the family or the caretakers of the elderly are not near to take care of them.	10. YOUR SOLUTION SL 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. To avoid this problem, this medicine reminder system is developed. An app is built for the user (caretaker) which enables him to set the desired time and medicine. These details will be stored in the IBM Cloudant DB. If the medicine time arrives the web application will send the medicine name to the IoT Device through the IBM IoT platform. The device will receive the medicine name and notify the user with voice commands.	8. CHANNELS of BEHAVIOUR CH 8.1 ONLINE What kind of actions do customers take online? Extract online channels from #7 They sometimes online messages to remaind them 8.2 OFFLINE What kind of actions do customers take offline? Extract offline channels from #7 and use them for customer development. They call them to remaind them which can not be done all the time.	Extract online & offline CH of BE
	4. EMOTIONS: BEFORE / AFTER EM How do customers feel when they face a problem or a job and afterwards? i.e. lost, insecure > confident, in control - use it in your communication strategy & design. Forgetfulness > mindful			