

Project Design Phase-I

Problem – Solution Fit Template

Date	19 September 2022
Team ID	PNT2022TMID35639
Project Name	Personal Expense Tracker Application
Maximum Marks	2 Marks

Define CS, fit into CC	1. CUSTOMER SEGMENT(S) Who is your customer? i.e. working parents of 0-5 y.o. kids 1. People who really wants to save money, categorize their expenses and track down their expenditure regularly.	6. CUSTOMER CONSTRAINTS 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. 1. Requires network connection	5. AVAILABLE SOLUTIONS 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 1. Pen and paper is alternative way to note down the expenses. 2. People have to remember their spendings all the time and should calculate it manually without statistical understanding.	Explore AS, differentiate

Focus on J&P, tap into BE, understand RC	2. JOBS-TO-BE-DONE / PROBLEMS Which jobs-to-be-done (or problems) do you address for your customers? There could be more than one; explore different sides. 1. Tracking the expenses in digital mode. 2. Notifying the users when they exceed the limit. 3. Providing visual representation of the categorical expenses to provide better understanding of their spendings.	9. PROBLEM ROOT CAUSE 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. 1. Poor money handling. 2. Not Tracking down the expenses because it is very hard to do manually.	7. BEHAVIOUR 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) 1. User has to enter their daily spendings to our application. So, our application tracks down the expenses and visually represents all the expenditures, and alert the user when they exceed the limit. 2. Monthly and annual report will be generated to interpret the expenses.	Focus on J&P, tap into BE, understand RC

Identify strong TR & EM	3. TRIGGERS TR By having a great aim towards saving money by reducing the unwanted expenses.	10. YOUR SOLUTION SL The personal expense tracker application which enable people to track down their expenses and helps them reduce their unwanted spendings, this application sends notification and alert messages to user to notify their limits. This application also represents the expenses statistically based on daily, weekly, monthly and yearly basis with different visual representation to better understand the expenses.	8. CHANNELS of BEHAVIOUR CH Online: Real-time tracking of expenses, with statistical representation of periodic data. Offline: No offline functionalities.	
	4. EMOTIONS: BEFORE / AFTER EM Before: 1. No proper visualization of data and no alert mechanism After: 1. Proper statistical representation and visualization of expenses with alert mechanism			