**Project Title: Personal Expense Tracker Application Project Design Phase-I** - **Solution Fit Template** **Team ID:** PNT2022TMID37456

**5.AVAILABLE SOLUTIONS**

Which solutions are applicable 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

-Expense tracker applications which are available in android and ios.

-a personal expense tracker in this project.

**AS**

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.

-Most of the solutions in the internet are limited in usage because of the advertisement they display.

-The solution proposed has the featured that represents the expenses graphically and has budget notification when your over spending beyond the budget.

**CC**

**6. CUSTOMER CONSTRAINTS**

**CS**

**1. CUSTOMER SEGMENT(S)**

Who is your customer?

i.e. working parents of 0-5 y.o. kids

-Customer are those who spend without keeping track of it or struggling to keep a record of it.

-Or retail shop owners who struggling to keep track of the items sold after buying it in a lot and selling it on a daily basis.

**Explore AS, differentiate**

**Define CS, fit into CC**

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)

-User can start using the web app once registration is complete.

-Makes suers that the user categories the expense done for saving money.

-User can set up a monthly limit , so that it limits the user from over spending.

**BE**

**7. BEHAVIOUR**

What does your customer do to address the problem and get the job done?

**RC**

**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.

-Existing of lot payment methods leads to the manual expense tracking.

-Saves time and money for the future goals.

-Makes business forecasting easier.

-Improper expense tracking can lead to heavy taxes.

**J&P**

**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.

-The objective of the web application is that the customers can keep track of their expenses.

-The customers are provided for the categories for the expenses.

-They also get to view the their expenses in a graphical representation .

-Customers can upload their photo copy of their bills to store them for the future usage.

**Focus on J&P, tap into BE, understand RC**

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**Identify strong TR & EM**

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| **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.  -Understanding the fact that the customers can save a lot of money by limiting their expenses for a particular goal. | **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.  -Design a flask based expense tracker web application .  -Enables the email baed alert notifications based on the limit of the customers budget.  -  - | 1. **CHANNELS of BEHAVIOUR CH**     1. **ONLINE**   What kind of actions do customers take online? Extract online channels from #7  -Expense tracker online comes with a lot of adds and information gathering about your confidentials.  8.2 OFFLINE  -Tips for better saving money are provided. |  |
| **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.  -It makes a clear vision about the income and the expenditure they have done on a monthly basis. |