Project Title: Personal Expense Tracker Application **Project Design Phase-I** - **Solution Fit Template** **Team ID:** PNT2022TMID32962

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Define CS, fit into CC — **Explore AS, differentiate**

1. CUSTOMER SEGMENT(S) — CS

Who is your customer?
The bulk of clients are adults above 16 who earn and spend money.

6. CUSTOMER CONSTRAINTS — CC

What constraints prevent your customers from taking actions or limit their choices of solutions? i.e spending power, budget, no cash, network connection, available devices.
An expense tracker is a software program or an application that helps you to keep accurate record of your income and expenses. It is also commonly referred to us an expense manager. Many people in India have fixed incomes and acknowledge that they spend money towards the end of each month.

5. AVAILABLE SOLUTIONS — AS

For user convenience, this project is being developed on web application. Because they include an web application anytime they can create immediate expenses. This makes using this data contrary. We think that a practical design and a practical web application can solve this problems. Such an application is capable of keeping track of expenditure, providing a comprehensive view with user-friendly interface, and being enough intelligence to display the history of expenditures indicating the application.

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

2. JOBS-TO-BE-DONE / PROBLEMS — J&P

Which jobs to be done (or problem to you address for your customers? There could be more than one, explore different sides.
Due to manual error in the expenses calculation process and lack of expense history maintenance. Therefore, this application was developed with history and automatic day, week, month and year calculation.

9. PROBLEM ROOT CAUSE — RC

What is the real reason that is problem exists?
What is the back story behind the need to do this job?
You may rapidly pay for the invoices by using an expense tracker app that supports financial transaction using debit cards and credit cards and net banking.
Additionally, a spending tracking software will spend payment reminders and link payment to client accounts.

7. BEHAVIOUR — BE

Customers get unlimited access to their calculation. This approach makes it very simple and really beneficial to estimate their expenditure and needs.

Identify strong TR & EM

3. TRIGGERS — TR

What triggers customers to act?
By viewing YouTube promotions and advertising while engaging in online activities like gaming and searching the web, as well as getting recommendation from their friends and neighbors

4. EMOTIONS: BEFORE / AFTER — EM

Before: User thought that they couldn't consistently keep their budgets, missing the prior expense data and made some manual calculation error
After: After using this application, users report that they detect and get rid of wasteful spending patterns in their financial lives. In addition, they felt that regularly tracking expenses would help them keep track of their money and encourage healthier financial practices like saving.

10. YOUR SOLUTION — SL

For the user development this web application is developed, because they can use mobiles for anytime when they needed immediate expense calculation as this source that it is various methods used by different people. This makes using this data contrary. There is still complication in areas like there is no assurance for data compatible, there are chances of crucial inputs can be missed and the manual errors may seek in. Such an application is capable of keeping track of expenditure, providing a comprehensive view with user-friendly interface, and being enough intelligence to display the history of expenditures indicating the application.

8. CHANNELS of BEHAVIOUR — CH

Online: What kind of action do customer take online? Yes, mint's parent company, intuit, uses cutting-edge security and technology to protect the personal and financial data of its users. Multi-factor authentication as well as software and hardware encryption are security measures.
Offline: What kind of action do customer take offline? The most convenient and cost-free personal finance to this expense tracker Data can be exported as a CSV file and it can be used offline.