Project Design Phase-I
Problem – Solution Fit

Date	13 October 2022
Team ID	PNT2022TMID53373
Project Name	Project - Personal Expense Tracker Application
Maximum Marks	2 Marks

Problem – Solution Fit :

Define CS, fit into CC

1. CUSTOMER SEGMENT(S) — CS

Most of the clients are working adults who are above 21 and college students who wants to save money

6. CUSTOMER CONSTRAINTS — CC

1. An expense tracker is a software program or an application that helps you to keep accurate record of your income and expenses.
2. 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.
3. Internet connection is required to use this application.

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 historyof expenditures indicating the application

Explore AS, differentiate

Focus on J&P tap into BE, understand RC

2. JOBS-TO-BE-DONE / PROBLEMS — J&P

1. Due to manual error in the expenses calculation, it is best to automate the function to track expenses.
2. There is a possibility that the bills may get lost as we customer will be calculating for a long term goal.
3. Alerting the client when the budget threshold crosses.
4. To Track all the transactions done by customer on daily bases.
5. Categorizing all the expenses based on what the customer is spending on like food, entertainment, etc.

9. PROBLEM ROOT CAUSE — RC

1. 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.
2. Additionally, a spending tracking software will spend payment reminders and link payment to client accounts.

7. BEHAVIOUR — BE

1. Customers get unlimited access to their calculation. This approach makes it very simple and really beneficial to estimate their expenditure and needs.
2. There will be a chat bot which will guide the customer and rectify their doubts

Focus on J&P tap into BE, understand RC

Identify strong TR & EM

3. TRIGGERS — TR

1. Excessive spending of money.
2. No money in case of emergency.
3. By seeing its features in ads.

4. EMOTIONS: BEFORE / AFTER — EM

BEFORE	AFTER
• Anxious	• Confident
• Confused	• Composed
• Fear	• Calm

10. YOUR SOLUTION — SL

1. This user benefit this application is developed as web application so customers can use this application anywhere like mobile, etc.
2. 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.
3. 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.

Identify strong TR & EM