

Project Design Phase-I

Solution Architecture

Date	01-10-2022
Team ID	PNT2022TMID03128
Project Name	Personal Expense Tracker Application

<p>Define CS, fit into CL</p> <p>Focus on PR, tap into BE, understand RC</p> <p>Identify strong TR & EM</p>	1. CUSTOMER SEGMENT(S) CS <p>People who are struggling to track their expenses are our customers. They can use our app to maintain records about their income and expenses</p>	6. CUSTOMER LIMITATIONS CL <small>EG BUDGET, DEVICES</small> <p>User have to entry every record manually. The category divided may be blunder or messy. person who is handling system must have some technical knowledge.</p>	5. AVAILABLE SOLUTIONS AS <small>PLUSES & MINUSES</small> <p>User can add their income and expenses. They have an option to set a limit for the amount to be used for that particular month if the limit is exceeded the user will be notified with an email alert.</p>	<p>Explore AS, differentiate</p>
	2. PROBLEMS / PAINS PR <small>+ ITS FREQUENCY</small> <p>In paper-based expense tracker system it is difficult to track our monthly expenses manually. The paper-based expense records may get lost in case of fire accidents, flood etc.</p>	9. PROBLEM ROOT / CAUSE RC <p>When the digits could not be recognized correctly. When the transactions are not successful. When the elder people unable to understand the smaller handwritten digits. When the paper based expense tracker records are subjected to fire accident, flood, etc.</p>	7. BEHAVIOR BE <small>+ ITS INTENSITY</small> <p>They may keep a temporary note on their mobile. He/She will tell the other persons to remember the expense they do while calculating the expenses they consider only on the expenses that are single time and huge and leave the rest</p>	<p>Focus on PR, tap into BE, understand RC</p>
	3. TRIGGERS TO ACT TR <p>This application can create awareness among common people about their income and expenses. It Reduces time rather than entering details manually.</p>	10. YOUR SOLUTION SL <p>The application should be able to generate reports of their spending and notify users if they have exceeded their budget. This application can create awareness among common people about finance and stuffs. This application also helps user to be financially responsible.</p>	8. CHANNELS of BEHAVIOR CH <p>ONLINE</p> <p>Download statements from bank and pay monthly installment</p> <p>OFFLINE</p> <p>Using spreadsheets and notes for financial management</p>	<p>Extract online & offline CH of BE</p>
	4. EMOTIONS EM <small>BEFORE / AFTER</small> <p>Frustration, Confusion, Inadequate > Boost, Feeling smart, Be an example for others</p>			