

## PROJECT DESIGN PHASE-I

### PROBLEM-SOLUTION FIT

Date	21 September 2022
Team Id	PNT2022TMID31549
Project Title	Personal Expense Tracker Application

#### 1. CUSTOMER SEGMENTS

- i. Customers are those who spend money without keeping track of it.
- ii. Those who spend money lavishly.
- iii. Provides a whole lot of different categories of expenditure types to avoid mismatch of expenditure

#### 2. JOBS TO BE DONE / PROBLEMS

- i. Expense tracking is essential in successful financial managements. By knowing where our money goes, we can effectively sort out our financial priorities based on our budget. This will help us to save for our financial goals and achieve the lifestyle we want
- ii. The objective of this application is to enable customers to keep track of the expenses.

#### 3. TRIGGERS

- i. Understanding the facts that the customers can save a lot of money by these expense application
- ii. Customer can keep track of their expenses.

#### 4. BENEFITS

- i. They feel a lot of clear about the income and expenses made

#### 5. CUSTOMER CONSTRAINTS

- i. Most of the solution available on the internet hosts a lot of ads limiting its usability.
- ii. The Solution proposed here has a feature to view the expenses graphically.

iii.	Also, it has email alert feature which sends email if the expenses exceed the given limit.
<b>6. AVAILABLE SOLUTION</b>	
i.	E-Expense is a mobile application that runs on the android platforms. Using this application users can save their expenses by scanning the bills and the receipts copies. this application is useful only for the android users and it does not provide any graphical representation.
<b>7. BEHAVIOUR</b>	
i.	User can save all their expenses.
ii.	Set up a monthly Limit on their Expenses
iii.	It will send an email alert if the expense exceeds the limit
iv.	Keep track of their expense and view expenses in a graphical format for the detailed analysis.
<b>8. CHANNELS OF BEHAVIOUR</b>	
i.	Expense Trackers online come with a lot of ads which on clicking steals data.
ii.	Make sure they are ware of the tax rules by reading the available books to make them tax read.
<b>9. ROOT CAUSE</b>	
i.	Inability to live a life with scheduled financial expenses thereby falling into debts traps.
ii.	By spending lavishly and not tracking expenses, it's easy to go overboard beyond income
iii.	Frustrated of typing a live a economically balanced life
<b>10. PROPOSED SOLUTION</b>	
i.	Design a flask based personal expense tracking application
ii.	Email alert feature which sends expense alerts using the SendGrid.
iii.	An option to view expenses in a graphical format.