

## **PROJECT DESIGN PHASE - I**

### **PROBLEM SOLUTION FIT**

Date	19 September 2022
Team ID	PNT2022TMID31320
Project Name	Project - Person Expense Tracke Application
Maximum Marks	2 Marks

#### **1. User Segment:**

To help the user who is busy and doesn't care about thier expenditures. They can manage their expenses in daily basis and keep a track of it and get notified with updates.

#### **2. Jobs-To-Be-Done:**

- User need to add their monthly income and their monthly expenditures
- User need to set a limit for the amount to be used for that month
- If the limit exceeds user will get notified with an email/sms alert
- In the month end user will get monthly expenditure graph

#### **3. Triggers:**

The user is triggered by their surroundings talking about the approach of tracking the expenses

#### **4. Emotions(Before/After):**

##### **Before :**

Having a fear of spending lot of money and couldn't manage their expenses.

**After :**

The can manage their expenses in a daily basis.

**5. Available Solutions:**

- A notification system can be enabled in case when the expenses cross over the income generated by the user to warn user about the situation.
- User can also scan the barcode on the price tag which decrease the effort of entering the data in the input fields.

**6. User Constraints:**

User needs to make sure the internet connection is stable and connected.

**7. Behaviour:**

- Users believes more in manual expenditure tracking rather than virtual application tracking.

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- User will exhibit this behavior until they trust this application.

**8. Channels of Behaviour:**

**Offline :**

- Maintain a separate record , note the expenses at the moment and calculate the daily expenses at the end of the day.

#### **Online :**

- User will take actions as evaluate their expenses and can track it in online.
- User will exhibit this behavior until an authenticated application serve its purpose rightly.

#### **9. Problem Root Cause:**

User will think that their personal and bank details are to be sold.

#### **10. Solution:**

- The proposed system makes an attempt to notify them through mail and user will get an analyzed report when their expenses exceed the fixed budget via tracking the user expenses daily.

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- If the user spends large amount of money in a particular area continuously, we will notify them to reduce the spending in that particular area.