# Project Design Phase-I
## Proposed Solution Template

| Date | 19 October 2022 |
|---|---|
| Team ID | PNT2022TMID03491 |
| Project Name | Personal Expense Tracker Application |
| Maximum Marks | 2 Marks |

**Proposed Solution Template:**

Project team shall fill the following information in proposed solution template.

| S.No. | Parameter | Description |
|---|---|---|
| 1. | Problem Statement (Problem to be solved) | The data in standard expense tracker applications is not visually appealing to customers. It causes the user to become confused and frustrated. Some expense trackers are also unavailable in certain regions due to cloud databases that are only accessible from specific locations. We are attempting to resolve this. |
| 2. | Idea / Solution description | This expense tracker is a web application that allows the user to view data in graphical form and makes use of the IBM db2 database, which is available in almost all regions. |
| 3. | Novelty / Uniqueness | This expense tracker application includes all of the basic expense tracker applications, as well as graphic representation and regional usage, as well as some machine learning properties to predict the user's expenses and budget in advance. |
| 4. | Social Impact / Customer Satisfaction | The customer will be able to readily monitor their spending and incomes due to the graphical representation; the user can select any type of graph based on their preferences and access this nearly anywhere; this will satisfy the customer. |
| 5. | Business Model (Revenue Model) | We maintain this application free of charge because it is solely for educational purposes. |
| 6. | Scalability of the Solution | This programme is not only for businessmen; any sort of customer may use it, and its functions can be improved even more. |