**Project Design Phase-II**

**Solution Requirements (Functional & Non-functional)**

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| Date | 03 October 2022 |
| Team ID | PNT2022TMID34648 |
| Project Name | Personal expense tracker |
| Maximum Marks | 4 Marks |

**Functional Requirements:**

Following are the functional requirements of the proposed solution.

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| **FR No.** | **Functional Requirement (Epic)** | **Sub Requirement (Story / Sub-Task)** |
| FR-1 | User Registration | Registration through Form  Registration through Gmail  Registration through Google account. |
| FR-2 | User Confirmation | Confirmation via Email Confirmation via OTP |
| FR-3 | Budget input | User enters budget. User budget can be classified according to different categories. |
| FR-4 | Tracking income and expenses | Monitoring the income and tracking all expenditures (through bank accounts, mobile wallets, and credit & debit cards). |
| FR-5 | Organizing Taxes | Import your documents to the expense tracking app, and it will streamline your income and expenses under the appropriate tax categories. |
| FR-6 | Report generation | The expense tracking app generates and sends reports to give a detailed insight about profits, losses, budgets, income. |

**Non-functional Requirements:**

Following are the non-functional requirements of the proposed solution.

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| **FR No.** | **Non-Functional Requirement** | **Description** |
| NFR-1 | **Usability** | Expense tracking with the help of given income. |
| NFR-2 | **Security** | Service must be deployed through secure channels. Encryption can be used and also PIN code can be used to keep the app secure. |
| NFR-3 | **Reliability** | System should be able to be accessed from internet. |
| NFR-4 | **Performance** | Give accurate record in less time. |
| NFR-5 | **Availability** | High availability and less probability of failure. |
| NFR-6 | **Scalability** | System should be capable to handle huge budgets (load balancing). |