**Requirements Engineering**

**Project Name:** KORPOR - LINK- Personal Finance Tracker

**1. Functional Requirements (What the app *does*):**

* **User Management:**
  + The app shall allow users to register for a new account using email and password.
  + The app shall allow users to log in and log out securely.
  + The app shall allow users to reset their password.
  + The app shall allow users to update their profile information (e.g., name, currency preference).
* **Income Tracking:**
  + The app shall allow users to manually add income entries (amount, source, date).
  + The app shall categorize income entries (e.g., Salary, Freelance, Gift).
* **Expense Tracking:**
  + The app shall allow users to manually add expense entries (amount, category, description, date).
  + The app shall provide predefined expense categories (e.g., Food, Transport, Rent, Entertainment, Utilities, Shopping).
  + The app shall allow users to create custom expense categories.
* **Account Management:**
  + The app shall allow users to add and manage multiple financial accounts (e.g., Savings, Checking, Cash).
  + The app shall display the current balance for each linked account.
* **Budgeting:**
  + The app shall allow users to create monthly budgets for different expense categories.
  + The app shall display progress towards each budget (e.g., "50% of Food budget spent").
  + The app shall alert users when they are nearing or exceeding a budget.
* **Reporting & Analytics:**
  + The app shall display a summary of income vs. expenses for selected periods (e.g., weekly, monthly, yearly).
  + The app shall provide charts (e.g., pie chart, bar graph) to visualize spending by category.
  + The app shall allow users to filter transactions by date, category, or type (income/expense).
* **Notifications:**
  + The app shall send notifications for budget alerts.
  + The app shall send reminders for recurring expenses or income (if implemented).