





PERSONAL BUDGET TRACKER, FINANCIAL PLANNING, SAVING GOALS

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#### Problem:

Many individuals struggle to manage their personal finances effectively due to the lack of simple, accessible tools that offer real-time tracking, budget control, and smart financial insights. Existing solutions are often too complex or fail to provide personalized guidance, leading to overspending and poor financial planning.

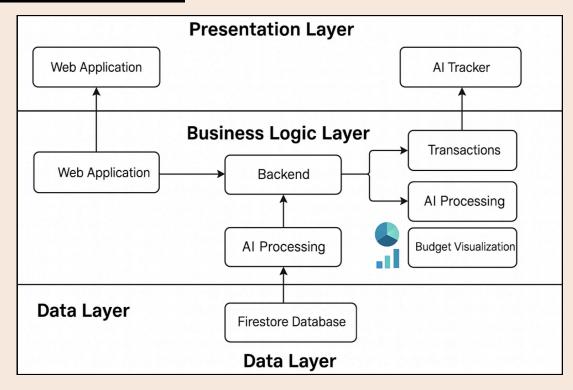
#### **Current solution:**

Many individuals currently rely on manual spreadsheets or generic budgeting apps to manage their personal finances. However, spreadsheets require constant manual input and offer no insights or reminders. On the other hand, most available apps are either too complex, lack real-time data synchronization, or provide the same experience to all users without adapting to their unique financial habits. These tools often fail to give users a clear overview of their spending patterns or warn them when they're nearing budget limits, resulting in poor financial planning and low user engagement.

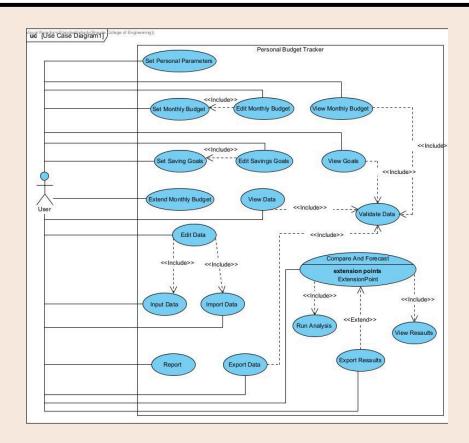
#### Our solution:

The Personal Budget Tracker offers a modern, personalized, and intelligent alternative. It is a web-based application that not only tracks income and expenses in real time using Firebase but also analyzes user behavior to detect overspending trends. With the help of an integrated AI assistant, the app gives tailored recommendations, highlights problematic categories, and even sends budget threshold alerts.

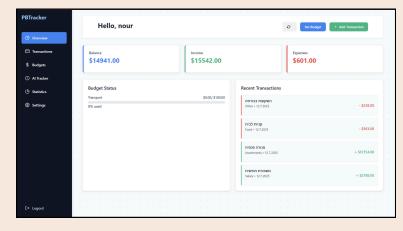
#### architecture:

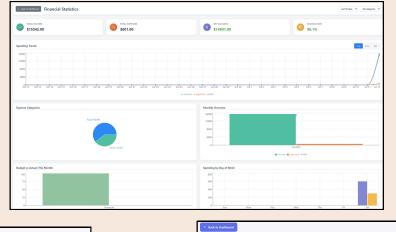


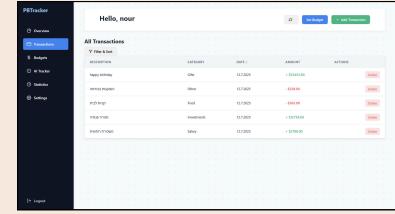
#### Use Case:



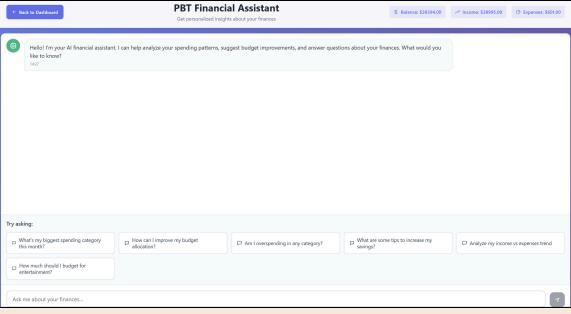
### **Screenshots**:







## AI:



# FR Requirement: NFR Requirement:

- The system allows users to manually add, edit, and delete expenses
- The system categorizes expenses automatically based on input or transaction data
- The system supports tagging expenses with custom labels
- The system enables users to set monthly or custom budgets for categories
- The system sends notifications when spending approaches or exceeds budget limits
- The system allows dynamic budget adjustments
- The system allows users to set and monitor savings goals
- The system provides charts and graphs to illustrate spending patterns, income vs. expenses, and savings progress.
- The system enables filtering visualizations by date range, category, or tags.
- The system generates financial reports summarizing income, expenses, and savings

- The system loads the dashboard within 3 seconds on average.
  The system reflects transaction and data updates in real-time.
- The system handles increasing data storage needs as the user base grows.
- The system provides an intuitive and accessible interface for all users.
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- The system backs up financial data daily to prevent data loss.
- The system protects user data with end-to-end encryption.
   The system is evalable on Android iOS and web plotforms.
- The system is available on Android, iOS, and web platforms.
- The system features a modular codebase to simplify updates and enhancements.
- $\bullet\,\,$  The system adheres to GDPR, CCPA, and other data protection laws.
- The system supports multiple languages and currencies to accommodate global users.