Project Documentation: **Personal Finance Tracker**

***Overview***

The **Personal Finance Tracker** is a Java-based desktop application designed to help users monitor and manage their finances. The application allows users to:

* Track their income and expenses.
* Categorize transactions (e.g., Food, Transport, Utilities).
* Set monthly budgets and financial goals.
* Visualize financial data using pie charts and bar graphs.

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**1. Features**

 **Income & Expense Tracking**: Users can add, edit, and delete transactions.

 **Categorized Spending**: Expenses are tagged by category (e.g., Food, Rent).

 **Budgeting**: Users can define monthly spending limits for each category.

 **Goals Setting**: Users can set saving or spending goals.

 **Charts & Reports**: Pie charts for category distribution and bar charts for monthly summaries.

**2. System Requirements**

 MySQL (Database)

 JavaFX Charts (Visualization)

**3. Technologies Used**

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| **Component** | **Technology** |
| Frontend | JavaSwing |
| Backend | MySQL |
| Charting | JFreeChart |

**4 Project Structure**

── src/

* BudgetPanel.java
* BudgetSummary.java
* BudgetvsPanel.java
* DashBoard.java
* Database.java
* Expense.java
* ExpensePanel.java
* Goals.java
* GoalsPanel.java
* IncomePanel.java
* LoginBox.java
* LoginPanel.java
* NotificationPanel.java
* PersonalFinanceTracker.java
* Session.java
* SignUpPanel.java
* SummariesPanel.java
* TransactionPanel.java
* UserProfile.java

── Resource/

* Images