# Personal Finance Management Application

Version: 1.0

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**1. Introduction** This Personal Finance Management Application allows users to manage their income and expenses, set budgets, and generate reports to track their financial health. The application features an easy-to-use GUI for adding, viewing, updating, and deleting transactions.

**2. System Requirements**

- Operating System: Windows, macOS, or Linux

- Python Version: Python 3.7 or higher

- Libraries: tkinter, sqlite3, PIL (for image handling), unittest (for running tests)

**3. Installation**

Step 1: Install Python

Ensure Python 3.7 or higher is installed. Verify using 'python --version'.

Step 2: Install Required Libraries

Use 'pip install pillow' to install required libraries.

Step 3: Download the Application

Clone the repository or download the project files.

Step 4: Run the Application

Run 'python personal_finance_app.py' to start the application.

## 4. Usage

4.1 Registration: Register with a username and password.

4.2 Login: Log in using your credentials.

4.3 Adding Transactions: Add income or expense transactions.

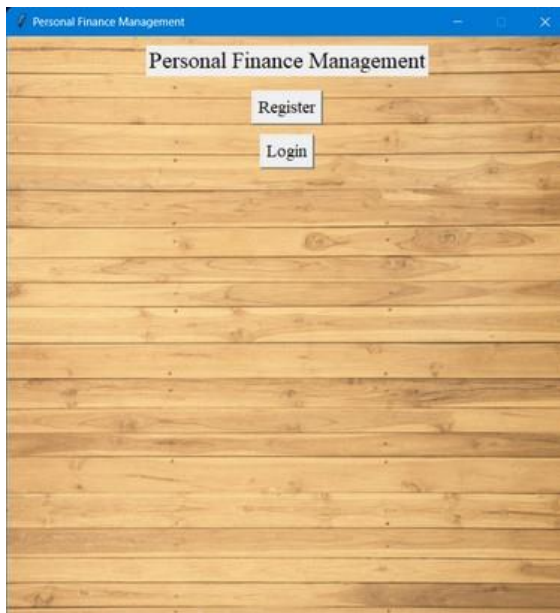4.4 Viewing and Deleting Transactions: View and delete transactions.

4.5 Setting a Budget: Set a budget for specific categories.

4.6 Generating Reports: Generate monthly or yearly financial reports.
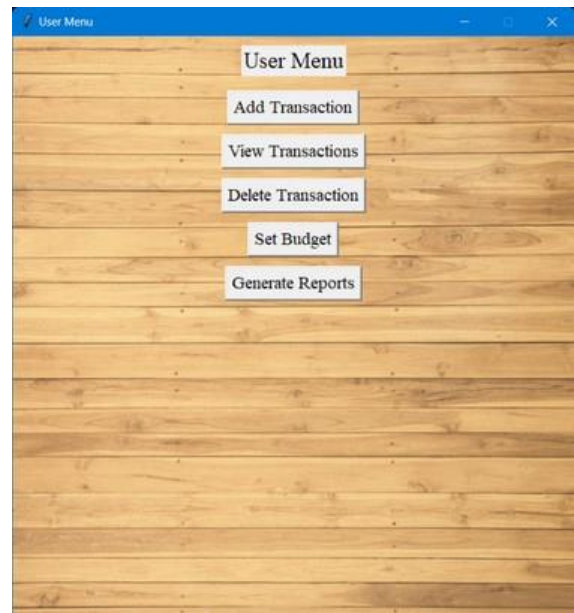
## 5. Features

- User Registration/Login

- Income/Expense Tracking

- Budget Setting

- Reports with Graphs

- Transaction Management



Welcome Page



User Menu

## 6. Known Issues

- Budget notification may not trigger in real-time.

- Background image path needs to be set manually.

### Contact Information

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