

- Personal Finance Tracker, Benson Muchemi
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- Managing finances is a struggle for a lot of people. Most individuals are not aware of how they're spending their money by losing track of their expenses which can lead to overspending and poor budgeting. Personal Finance Tracker will be a web-based application that will enable individuals to record, track, and analyze their expenses. The goal of this web-based application is to assist individuals to have better control over their finances, understand/make better spending decisions, and build a healthy way of managing their money/spending habits.
- Objectives of the system:
  - Provide a user-friendly web solution for individuals to track their finances
  - Budget management features to encourage better spending habits
  - Categorization for expenses to help users stay organized
  - Ensure security and privacy for user's financial records
- System Requirements:
  - Secure register and login
  - Create, read, update, and delete expenses
  - Categorizes the expenses
  - Set monthly budgets
  - Export financial data for personal records

No	Description
REQ - 1	Users can register and log in securely
REQ - 2	Users can add, edit, and delete transactions
REQ - 3	Users can categorize transactions
REQ - 4	Users can set and track budgets
REQ - 5	Users can generate financial reports
REQ - 6	Users can export financial data

- Typical customers:
  - Working professionals looking to track monthly expenses
  - College students looking to have better spending habits
- User Interface Specification

UI Requirement No	Priority	Description
REQ – 1	High	The login and registration screens should be simple and secure
REQ – 2	High	The dashboard should display an overview of financial status
REQ – 3	Medium	Users should be able to enter transactions quickly and efficiently
REQ – 4	Medium	Reports and charts should be visually appealing and easy to interpret

- Project Plan

Task	Status	Description
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Setup dev environment	Completed	Installing necessary software, setting up project repository, and configuring the database
Design wireframes and UI mockups	In Progress	Creating sketches for the login page, dashboard, and transaction entry pages
Implement user authentication	Pending	Setting up secure user login and registration features

- Families looking to track their spending and better manage their expenses
  - Small business owners wanting a simple solution to operational expenses
- Project Planning:
  - Software: HTML, CSS, JavaScript, Node.js, Express.js, MySQL
  - Hardware: laptop, desktop, mobile phones
  - Server for hosting the application
  - Network requirements: internet connection, secure API endpoints for data exchange between frontend and backend
- Development Plan:
  - Phase 1: Planning and setup development environment
  - Phase 2: Backend development
  - Phase 3: Frontend development
  - Phase 4: Testing and system optimization
  - Phase 5: Deployment and user testing
  - Phase 6: Improvements and features added based on user feedback